

Mission Statement

Abgent develops innovative reagents and technologies to profile post-translational modifications of the proteome. These modifications create the functional proteome that links clinical endpoint or phenotype to genotype. "Phenomics" is the study of how fundamental traits at the molecular level of protein structure and function modulate key cellular phenotypes. Our mission is to accelerate phenomics research and discovery by targeting more than 200 post-translational modifications that dynamically regulate protein function, and to thereby accelerate understanding of the complex path leading from cell signaling to pathology.

Contents

 SUMOylation

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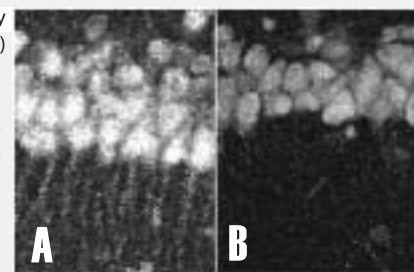
 Differentiation

 Apoptosis

Cat.#	Product Name	Price
AP1221a	SUMO1 N-term Pab	¥34,000/0.1mg
AP1222a	SUMO1 C-term Pab	¥34,000/0.1mg
AP1223a	SUMO2/3 N-term Pab	¥34,000/0.1mg
AP1224a	SUMO2/3 C-term Pab	¥34,000/0.1mg
AP1225a	SUMO3 C-term Pab	¥34,000/0.1mg
AP1226a	NEDD8 N-term Pab	¥34,000/0.1mg
AP1227a	NEDD8 C-term Pab	¥34,000/0.1mg
AP1228a	Ubiquitin N-term Pab	¥34,000/0.1mg
AP1229a	Ubiquitin C-term Pab	¥34,000/0.1mg
AP1230a	SEN1 N-term Pab	¥34,000/0.1mg
AP1231a	SEN1 C-term Pab	¥34,000/0.1mg
AP1232a	SEN2 N-term Pab	¥34,000/0.1mg
AP1233a	SEN2 C-term Pab	¥34,000/0.1mg
AP1234a	SEN3 N-term Pab	¥34,000/0.1mg
AP1235a	SEN3 C-term Pab	¥34,000/0.1mg
AP1236a	SEN5 N-term Pab	¥34,000/0.1mg
AP1237a	SEN5 C-term Pab	¥34,000/0.1mg
AP1238a	SEN6 N-term Pab	¥34,000/0.1mg
AP1239a	SEN6 C-term Pab	¥34,000/0.1mg
AP1240a	SEN7 N-term Pab	¥34,000/0.1mg
AP1241a	SEN7 C-term Pab	¥34,000/0.1mg
AP1259a*	SEN8 N-term Pab	¥34,000/0.1mg
AP1260a*	SEN8 C-term Pab	¥34,000/0.1mg
AP1242a	PIAS1 N-term Pab	¥34,000/0.1mg
AP1243a	PIAS1 C-term Pab	¥34,000/0.1mg
AP1244a	PIAS3 N-term Pab	¥34,000/0.1mg
AP1245a	PIAS3 C-term Pab	¥34,000/0.1mg
AP1246a	PIASx1/2 N-term Pab	¥34,000/0.1mg
AP1247a	PIASx1/2 C-term Pab	¥34,000/0.1mg
AP1248a	PIASx1 N-term Pab	¥34,000/0.1mg
AP1249a	PIASy1 N-term Pab	¥34,000/0.1mg
AP1250a	PIASy1 C-term Pab	¥34,000/0.1mg
AP1251a	PIASz1 N-term Pab	¥34,000/0.1mg
AP1252a	PIASz1 C-term Pab	¥34,000/0.1mg
AP1253a	Mdm2 N-term Pab	¥34,000/0.1mg
AP1254a	Mdm2 C-term Pab	¥34,000/0.1mg
AP1257a	Cbl N-term Pab	¥34,000/0.1mg
AP1258a	Cbl C-term Pab	¥34,000/0.1mg
AP1261a*	UBC9 Pab	¥34,000/0.1mg
AM1196a*	UBC9 Mab	¥37,000/0.1mg
AP1262a*	Aos1 Pab	¥34,000/0.1mg
AM1197a*	Aos1 Mab	¥37,000/0.1mg
AP1263a*	Uba2 Pab	¥34,000/0.1mg
AM1198a*	Uba2 Mab	¥37,000/0.1mg

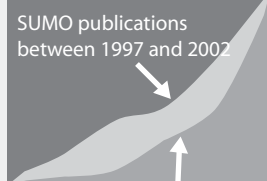
All antibodies, polyclonal (Pab) and monoclonal (Mab) have been tested positive by ELISA and Western Blot (WB).
 (*) Pre-released products are currently tested in WB.

Confocal microscopy images of SUMO-1 (green) and propidium iodide (PI red) immunostainings on brain sections. Vibratome brain sections were obtained from (A) sham-operated control rat and (B) rat subjected to 15 min of ischemia followed by 24 hours of reperfusion.

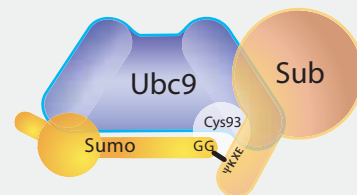


250 papers for 5 years

SUMO vs Apoptosis Research



Apoptosis publications between 1987 and 1997



Ubc9 enzyme conjugating SUMO on a substrate.

Several proteins that are modified by SUMO-1 interact directly with the Ubc9. Structure-based mutagenesis and SUMO-1 conjugation assays with Ubc9 on IκBα, p53, and RanGAP1 have revealed a similar mode of interaction between Ubc9 and a consensus sequence motif (Ψ-K-x-D/E) where Ψ is a large hydrophobic residue, K is the lysine to which SUMO-1 is conjugated, X is any amino acid, and E is glutamic acid (the substrate (Sub) has the motif ΨKXE and Lys residue from the motif covalently linked to the C-terminal Gly residue of SUMO).

SUMOplot™ Prediction



ABGENT is a pioneer in SUMO research. We designed a tool - SUMOplot™ helping researchers to explain larger MWs than expected on SDS gels due to attachment of SUMO protein (11 kDa) at one or multiple positions of a target protein.

SUMOplot™ is predicting the probability for the SUMO consensus sequence (SUMO-CS) to be engaged in SUMO attachment.

The SUMOplot™ score system is based on two criteria: 1/ aa appearance in the SUMO-CS observed and shown to bind Ubc9 and 2/ propensity of these aa to maintain similar hydrophobicity known to be the major driving force for protein folding

To test SUMOplot™ visit:
<http://www.abgent.com/sumoplot> or
<http://us.expasy.org/tools/#ptm>

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SUMOylation Research and Discovery



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 vision without limits

Cat.#	Product Name	Price
AP7694b*	ABL1 C-term Pab	¥34,000/0.1 mg
AP7695a*	ABL2 N-term Pab	¥34,000/0.1 mg
AP7696b*	ACK1 C-term Pab	¥34,000/0.1 mg
AP7806b*	ACVR1 C-term Pab	¥34,000/0.1 mg
AP7805b*	ACVR1B C-term Pab	¥34,000/0.1 mg
AP7807a*	ACVRL1 N-term Pab	¥34,000/0.1 mg
AP7000b	AIE2 C-term Pab	¥34,000/0.1 mg
AP7900a	AIK N-term Pab	¥34,000/0.1 mg
AP7000a	AIK2 N-term Pab	¥34,000/0.1 mg
AP7028b*	AKT1 C-term Pab	¥34,000/0.1 mg
AP7029b*	AKT2 N-term Pab	¥34,000/0.1 mg
AP7030b*	AKT3 N-term Pab	¥34,000/0.1 mg
AP7600b	ALK C-term Pab	¥34,000/0.1 mg
AP7600a	ALK N-term Pab	¥34,000/0.1 mg
AP7512a*	ALS2CR7 N-term Pab	¥34,000/0.1 mg
AP7201a	AMPK alpha1 C-term Pab	¥34,000/0.1 mg
AP7203a	AMPK alpha2 C-term Pab	¥34,000/0.1 mg
AP7200a	AMPK1 C-term Pab	¥34,000/0.1 mg
AP7216b*	AMPKalpha1 C-term Pab	¥34,000/0.1 mg
AP7808b*	ANKRD3 C-term Pab	¥34,000/0.1 mg
AP8111b*	ANPA C-term Pab	¥34,000/0.1 mg
AP8111a*	ANPA N-term Pab	¥34,000/0.1 mg
AP8112b*	ANPB C-term Pab	¥34,000/0.1 mg
AP8112a*	ANPB N-term Pab	¥34,000/0.1 mg
AP8113a*	ANPC N-term Pab	¥34,000/0.1 mg
AP7809b*	ARAF1 C-term Pab	¥34,000/0.1 mg
AP8046b*	ATM C-term Pab	¥34,000/0.1 mg
AP8046a*	ATM N-term Pab	¥34,000/0.1 mg
AP8047b*	ATR C-term Pab	¥34,000/0.1 mg
AP8047a*	ATR N-term Pab	¥34,000/0.1 mg
AP7001a	AUR1 N-term Pab	¥34,000/0.1 mg
AP7002a	AUR2 N-term Pab	¥34,000/0.1 mg
AP7602b	AXL C-term Pab	¥34,000/0.1 mg
AP7602a	AXL N-term Pab	¥34,000/0.1 mg
AP8057b*	BGLF4 C-term Pab	¥34,000/0.1 mg
AP8057a*	BGLF4 N-term Pab	¥34,000/0.1 mg
AP7697a*	BLK N-term Pab	¥34,000/0.1 mg
AP7698b*	BMX C-term Pab	¥34,000/0.1 mg
AP7810a*	BRAF N-term Pab	¥34,000/0.1 mg
AP8048b*	BRD1 C-term Pab	¥34,000/0.1 mg
AP8048a*	BRD1 N-term Pab	¥34,000/0.1 mg
AP8049a*	BRD2 N-term Pab	¥34,000/0.1 mg
AP8050b*	BRD3 C-term Pab	¥34,000/0.1 mg
AP8051b*	BRD4 C-term Pab	¥34,000/0.1 mg
AP8051a*	BRD4 N-term Pab	¥34,000/0.1 mg

Cat.#	Product name	Price
AP7699b*	BTK C-term Pab	¥34,000/0.1 mg
AP8058b*	BUB1A C-term Pab	¥34,000/0.1 mg
AP8059a*	BUB1B N-term Pab	¥34,000/0.1 mg
AP7253b	CAMK 1G C-term Pab	¥34,000/0.1 mg
AP7205a	CAMK1 C-term Pab	¥34,000/0.1 mg
AP7215b*	CAMK1gamma C-term Pab	¥34,000/0.1 mg
AP7204a	CAMK1-like C-term Pab	¥34,000/0.1 mg
AP7206a	CAMK2 alpha C-term Pab	¥34,000/0.1 mg
AP7207a	CAMK2 beta C-term Pab	¥34,000/0.1 mg
AP7209a	CAMK2 delta C-term Pab	¥34,000/0.1 mg
AP7208a	CAMK2 delta-like C-term	¥34,000/0.1 mg
AP7210a	CAMK2 gamma C-term Pab	¥34,000/0.1 mg
AP7211a	CAMK4 C-term Pab	¥34,000/0.1 mg
AP7212a	Cask C-term Pab	¥34,000/0.1 mg
AP7800b	CCK4 C-term Pab	¥34,000/0.1 mg
AP7800a	CCK4 N-term Pab	¥34,000/0.1 mg
AP7513b*	CDC2L1 C-term Pab	¥34,000/0.1 mg
AP7513a*	CDC2L1 N-term Pab	¥34,000/0.1 mg
AP7514a*	CDC2L5 N-term Pab	¥34,000/0.1 mg
AP7515b*	CDC7L1 C-term Pab	¥34,000/0.1 mg
AP7515a*	CDC7L1 N-term Pab	¥34,000/0.1 mg
AP7517b*	CDK1 C-term Pab	¥34,000/0.1 mg
AP7516a*	CDK10 N-term Pab	¥34,000/0.1 mg
AP7518b*	CDK2 C-term Pab	¥34,000/0.1 mg
AP7519b*	CDK3 C-term Pab	¥34,000/0.1 mg
AP7520b*	CDK4 C-term Pab	¥34,000/0.1 mg
AP7521b*	CDK5 C-term Pab	¥34,000/0.1 mg
AP7522b*	CDK6 C-term Pab	¥34,000/0.1 mg
AP7523b*	CDK7 C-term Pab	¥34,000/0.1 mg
AP7524a*	CDK8 N-term Pab	¥34,000/0.1 mg
AP7525b*	CDK9 C-term Pab	¥34,000/0.1 mg
AP7526b*	CDKL1 C-term Pab	¥34,000/0.1 mg
AP7526a*	CDKL1 N-term Pab	¥34,000/0.1 mg
AP7527c*	CDKN1A Center Pab	¥34,000/0.1 mg
AP7528b*	CDKN3 C-term Pab	¥34,000/0.1 mg
AP8000a	CGKI beta C-term Pab	¥34,000/0.1 mg
AP8001a	CGKII C-term Pab	¥34,000/0.1 mg
AP8052b*	CHAK1 C-term Pab	¥34,000/0.1 mg
AP8052a*	CHAK1 N-term Pab	¥34,000/0.1 mg
AP8053b*	CHAK2 Center Pab	¥34,000/0.1 mg
AP8053b*	CHAK2 C-term Pab	¥34,000/0.1 mg
AP7401a	CK1 C-term Pab	¥34,000/0.1 mg
AP7400a	CK1a C-term Pab	¥34,000/0.1 mg
AP7402a	CK1d C-term Pab	¥34,000/0.1 mg
AP7403a	CK1e C-term Pab	¥34,000/0.1 mg
AP7404a	CK1g1 C-term Pab	¥34,000/0.1 mg
AP7405a	CK1g2 C-term Pab	¥34,000/0.1 mg

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Phosphorylation

Research and Discovery



All antibodies, polyclonal (Pab) and monoclonal (Mab) have been tested positive by ELISA and Western Blot (WB).
(* Pre-released products are currently tested in WB).

Cat.#	Product name	Price
AP7406a	CK1g3 C-term Pab	¥34,000/0.1 mg
AP7407a	CK2 C-term Pab	¥34,000/0.1 mg
AP7529a*	CLK1 N-term Pab	¥34,000/0.1 mg
AP7530a*	CLK2 N-term Pab	¥34,000/0.1 mg
AP7531a*	CLK3 N-term Pab	¥34,000/0.1 mg
AP7532a*	CLK4 N-term Pab	¥34,000/0.1 mg
AP8044b	CNK C-term Pab	¥34,000/0.1 mg
AP7031b*	CNK-C-term Pab	¥34,000/0.1 mg
AP7957b*	COT C-term Pab	¥34,000/0.1 mg
AP7533b*	CRK7 C-term Pab	¥34,000/0.1 mg
AP7533a*	CRK7 N-term Pab	¥34,000/0.1 mg
AP7604b	CSF1R C-term Pab	¥34,000/0.1 mg
AP7604a	CSF1R N-term Pab	¥34,000/0.1 mg
AP7700b*	CSK C-term Pab	¥34,000/0.1 mg
AP7217b*	DAPK1 C-term Pab	¥34,000/0.1 mg
AP7218a*	DAPK2 N-term Pab	¥34,000/0.1 mg
AP7219b*	DCAMKL1 C-term Pab	¥34,000/0.1 mg
AP7219a*	DCAMKL1 N-term Pab	¥34,000/0.1 mg
AP8060b*	DGKZ C-term Pab	¥34,000/0.1 mg
AP7214a	DLK C-term Pab	¥34,000/0.1 mg
AP7034b*	DMPK C-term Pab	¥34,000/0.1 mg
AP7032b*	DMPK1-C-term Pab	¥34,000/0.1 mg
AP7033a*	DMPK2 N-term Pab	¥34,000/0.1 mg
AP7690a	DOK1 N-term Pab	¥34,000/0.1 mg
AP7691b	DOK2 C-term Pab	¥34,000/0.1 mg
AP7691a	DOK2 N-term Pab	¥34,000/0.1 mg
AP7692b	DOK4 C-term Pab	¥34,000/0.1 mg
AP7693b	DOK5 C-term Pab	¥34,000/0.1 mg
AP7220a*	DRAK1 N-term Pab	¥34,000/0.1 mg
AP7221b*	DRAK2 C-term Pab	¥34,000/0.1 mg
AP7534a*	DYRK2 N-term Pab	¥34,000/0.1 mg
AP7535a*	DYRK3 N-term Pab	¥34,000/0.1 mg
AP7536b*	DYRK4 C-term Pab	¥34,000/0.1 mg
AP7537a*	DYRKA N-term Pab	¥34,000/0.1 mg
AP7538b*	DYRKB C-term Pab	¥34,000/0.1 mg
AP8003a	EMK C-term Pab	¥34,000/0.1 mg
AP7606b	EPA1 C-term Pab	¥34,000/0.1 mg
AP7606a	EPA1 N-term Pab	¥34,000/0.1 mg
AP7607b	EPA2 C-term Pab	¥34,000/0.1 mg
AP7607a	EPA2 N-term Pab	¥34,000/0.1 mg
AP7608b	EPA3 C-term Pab	¥34,000/0.1 mg
AP7608a	EPA3 N-term Pab	¥34,000/0.1 mg
AP7609b	EPA4 C-term Pab	¥34,000/0.1 mg
AP7609a	EPA4 N-term Pab	¥34,000/0.1 mg
AP7610b	EPA5 C-term Pab	¥34,000/0.1 mg
AP7610a	EPA5 N-term Pab	¥34,000/0.1 mg
AP7611b	EPA6 C-term Pab	¥34,000/0.1 mg

Cat.#	Product name	Price
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AP7612b	EPA7 C-term Pab	¥34,000/0.1 mg
AP7612a	EPA7 N-term Pab	¥34,000/0.1 mg
AP7613b	EPA8 C-term Pab	¥34,000/0.1 mg
AP7613a	EPA8 N-term Pab	¥34,000/0.1 mg
AP7622a	EPB1 C-term Pab	¥34,000/0.1 mg
AP7623b	EPB2 C-term Pab	¥34,000/0.1 mg
AP7623a	EPB2 N-term Pab	¥34,000/0.1 mg
AP7624a	EPB3 N-term Pab	¥34,000/0.1 mg
AP7625a	EPB4 C-term Pab	¥34,000/0.1 mg
AP7627b	EPB6 C-term Pab	¥34,000/0.1 mg
AP7627a	EPB6 N-term Pab	¥34,000/0.1 mg
AP7701a*	EPHA2 N-term Pab	¥34,000/0.1 mg
AP7628b	ErbB1 C-term Pab	¥34,000/0.1 mg
AP7628a	ErbB1 N-term Pab	¥34,000/0.1 mg
AP7629b	ErbB2 C-term Pab	¥34,000/0.1 mg
AP7629a	ErbB2 N-term Pab	¥34,000/0.1 mg
AP7630a	ErbB3 N-term Pab	¥34,000/0.1 mg
AP7631b	ErbB4 C-term Pab	¥34,000/0.1 mg
AP7631a	ErbB4 N-term Pab	¥34,000/0.1 mg
AP7500a	ERK1 N-term Pab	¥34,000/0.1 mg
AP7501a	ERK2 C-term Pab	¥34,000/0.1 mg
AP7502a	ERK3 C-term Pab	¥34,000/0.1 mg
AP7503a	ERK4 C-term Pab	¥34,000/0.1 mg
AP7504a	ERK5 C-term Pab	¥34,000/0.1 mg
AP7702a*	FAK1 N-term Pab	¥34,000/0.1 mg
AP7703a*	FAK2 N-term Pab	¥34,000/0.1 mg
AP7704b*	FER C-term Pab	¥34,000/0.1 mg
AP7705a*	FES N-term Pab	¥34,000/0.1 mg
AP7636b	FGFR1 C-term Pab	¥34,000/0.1 mg
AP7636a	FGFR1 N-term Pab	¥34,000/0.1 mg
AP7637b	FGFR2 C-term Pab	¥34,000/0.1 mg
AP7637a	FGFR2 N-term Pab	¥34,000/0.1 mg
AP7638a	FGFR3 C-term Pab	¥34,000/0.1 mg
AP7639a	FGFR4 N-term Pab	¥34,000/0.1 mg
AP7707a*	FGR N-term Pab	¥34,000/0.1 mg
AP7642b	FLT1 C-term Pab	¥34,000/0.1 mg
AP7642a	FLT1 N-term Pab	¥34,000/0.1 mg
AP7643a	FLT2 C-term Pab	¥34,000/0.1 mg
AP7644b	FLT3 C-term Pab	¥34,000/0.1 mg
AP7644a	FLT3 N-term Pab	¥34,000/0.1 mg
AP7645b	FLT4 C-term Pab	¥34,000/0.1 mg
AP7645a	FLT4 N-term Pab	¥34,000/0.1 mg
AP7708a*	FRK N-term Pab	¥34,000/0.1 mg
AP7709a*	FYN N-term Pab	¥34,000/0.1 mg

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Research and Discovery



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vision without limits

All antibodies, polyclonal (Pab) and monoclonal (Mab) have been tested positive by ELISA and Western Blot (WB).
(* Pre-released products are currently tested in WB.)

Cat.#	Product name	Price
AP8061b*	GAK C-term Pab	¥34,000/0.1 mg
AP7901a	GCK N-term Pab	¥34,000/0.1 mg
AP8062a*	GCN2 N-term Pab	¥34,000/0.1 mg
AP8004a	GK C-term Pab	¥34,000/0.1 mg
AP8005a	GLK C-term Pab	¥34,000/0.1 mg
AP8063a*	GNB2L1 N-term Pab	¥34,000/0.1 mg
AP7003a	GRK1 C-term Pab	¥34,000/0.1 mg
AP7004a	GRK2 C-term Pab	¥34,000/0.1 mg
AP7005a	GRK3 C-term Pab	¥34,000/0.1 mg
AP7006a	GRK4 C-term Pab	¥34,000/0.1 mg
AP7007a	GRK5 C-term Pab	¥34,000/0.1 mg
AP7008a	GRK6 C-term Pab	¥34,000/0.1 mg
AP7009a	GRK7 C-term Pab	¥34,000/0.1 mg
AP7710a*	HCK N-term Pab	¥34,000/0.1 mg
AP7539c*	HIPK2 Center Pab	¥34,000/0.1 mg
AP7539b*	HIPK2 C-term Pab	¥34,000/0.1 mg
AP7540c*	HIPK3 Center Pab	¥34,000/0.1 mg
AP7540b*	HIPK3 C-term Pab	¥34,000/0.1 mg
AP7971b*	HPK1 C-term Pab	¥34,000/0.1 mg
AP8065a*	HRI N-term Pab	¥34,000/0.1 mg
AP7541b*	ICK C-term Pab	¥34,000/0.1 mg
AP7649b	IGF1R C-term Pab	¥34,000/0.1 mg
AP7649a	IGF1R N-term Pab	¥34,000/0.1 mg
AP8108a*	IKKalpha Pab	¥34,000/0.1 mg
AP8109b*	IKKbeta C-term Pab	¥34,000/0.1 mg
AP8110a*	IKKgamma Pab	¥34,000/0.1 mg
AP7651b	ILK1 C-term Pab	¥34,000/0.1 mg
AP7651a	ILK1 N-term Pab	¥34,000/0.1 mg
AP7653a	INSR N-term Pab	¥34,000/0.1 mg
AP7654b	INSRR C-term Pab	¥34,000/0.1 mg
AP7654a	INSRR N-term Pab	¥34,000/0.1 mg
AP7802b	IRAK1 C-term Pab	¥34,000/0.1 mg
AP7802a	IRAK1 N-term Pab	¥34,000/0.1 mg
AP7803b	IRAK2 C-term Pab	¥34,000/0.1 mg
AP7803a	IRAK2 N-term Pab	¥34,000/0.1 mg
AP7804b	IRAK3 C-term Pab	¥34,000/0.1 mg
AP7804a	IRAK3 N-term Pab	¥34,000/0.1 mg
AP7805b	IRAK4 C-term Pab	¥34,000/0.1 mg
AP7805a	IRAK4 N-term Pab	¥34,000/0.1 mg
AP7711b*	ITK C-term Pab	¥34,000/0.1 mg
AP7902a	JIK C-term Pab	¥34,000/0.1 mg
AP7505a	JNK1 C-term Pab	¥34,000/0.1 mg
AP7506a	JNK2 C-term Pab	¥34,000/0.1 mg
AP7506b	JNK2 C-term Pab	¥34,000/0.1 mg
AP7507a	JNK3 N-term Pab	¥34,000/0.1 mg

Cat.#	Product name	Price
AP7972b*	KHS2 C-term Pab	¥34,000/0.1 mg
AP8007a	KIS C-term Pab	¥34,000/0.1 mg
AP8067a*	KIS N-term Pab	¥34,000/0.1 mg
AP7656b	KIT C-term Pab	¥34,000/0.1 mg
AP7656a	KIT N-term Pab	¥34,000/0.1 mg
AP7812a*	KSR1 N-term Pab	¥34,000/0.1 mg
AP7035a*	LATS1 N-term Pab	¥34,000/0.1 mg
AP7035b*	LATS2 C-term Pab	¥34,000/0.1 mg
AP7813a*	LIMK1 N-term Pab	¥34,000/0.1 mg
AP7815a*	LIMK2 N-term Pab	¥34,000/0.1 mg
AP7814a*	LIMK2B N-term Pab	¥34,000/0.1 mg
AP7903a	LOK C-term Pab	¥34,000/0.1 mg
AP7959a*	LOK N-term Pab	¥34,000/0.1 mg
AP7712a*	LSK N-term Pab	¥34,000/0.1 mg
AP7658b	LTK C-term Pab	¥34,000/0.1 mg
AP7658a	LTK N-term Pab	¥34,000/0.1 mg
AP7713a*	LYN N-term Pab	¥34,000/0.1 mg
AP8008a	LZK C-term Pab	¥34,000/0.1 mg
AP7542b*	MAK C-term Pab	¥34,000/0.1 mg
AP7960a*	MAP2K1 N-term Pab	¥34,000/0.1 mg
AP7961b*	MAP2K2 C-term Pab	¥34,000/0.1 mg
AP7961a*	MAP2K2 N-term Pab	¥34,000/0.1 mg
AP7962b*	MAP2K6 C-term Pab	¥34,000/0.1 mg
AP7962a*	MAP2K6 N-term Pab	¥34,000/0.1 mg
AP7963b*	MAP3K9 C-term Pab	¥34,000/0.1 mg
AP7963a*	MAP3K9 N-term Pab	¥34,000/0.1 mg
AP7222a*	MAPK10 N-term Pab	¥34,000/0.1 mg
AP7223b*	MAPK11 C-term Pab	¥34,000/0.1 mg
AP7224b*	MAPK12 C-term Pab	¥34,000/0.1 mg
AP7225b*	MAPK13 C-term Pab	¥34,000/0.1 mg
AP7226b*	MAPK14 C-term Pab	¥34,000/0.1 mg
AP7227b*	MAPK8 C-term Pab	¥34,000/0.1 mg
AP7228b*	MAPK9 C-term Pab	¥34,000/0.1 mg
AP7229b*	MAPKAPK2 C-term Pab	¥34,000/0.1 mg
AP7229a*	MAPKAPK2 N-term Pab	¥34,000/0.1 mg
AP7231b*	MARK C-term Pab	¥34,000/0.1 mg
AP7230b*	MARK3 C-term Pab	¥34,000/0.1 mg
AP7714a*	MATK N-term Pab	¥34,000/0.1 mg
AP7660b	MCK10 C-term Pab	¥34,000/0.1 mg
AP7660a	MCK10 N-term Pab	¥34,000/0.1 mg
AP7904a	MEK1 N-term Pab	¥34,000/0.1 mg
AP7905a	MEK2 N-term Pab	¥34,000/0.1 mg
AP7906a	MEK5 C-term Pab	¥34,000/0.1 mg
AP7907a	MEKK1 C-term Pab	¥34,000/0.1 mg
AP7908a	MEKK2 N-term Pab	¥34,000/0.1 mg
AP7909a	MEKK3 N-term Pab	¥34,000/0.1 mg
AP7910a	MEKK4 C-term Pab	¥34,000/0.1 mg

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Cat.#	Product name	Price
AP7911a	MEKK5 C-term Pab	¥34,000/0.1 mg
AP7912a	MEKK6 C-term Pab	¥34,000/0.1 mg
AP7913a	MEKK8 C-term Pab	¥34,000/0.1 mg
AP7662b	MERK C-term Pab	¥34,000/0.1 mg
AP7662a	MERK N-term Pab	¥34,000/0.1 mg
AP7914a	MINK1/2 C-term Pab	¥34,000/0.1 mg
AP7915a	MKK3 N-term Pab	¥34,000/0.1 mg
AP7916a	MKK4 C-term Pab	¥34,000/0.1 mg
AP7917a	MKK6 N-term Pab	¥34,000/0.1 mg
AP7918a	MKK7 C-term Pab	¥34,000/0.1 mg
AP7965a*	MLCK N-term Pab	¥34,000/0.1 mg
AP7964a*	MLCK2 N-term Pab	¥34,000/0.1 mg
AP7966a*	MLCKlong N-term Pab	¥34,000/0.1 mg
AP7919a	MLK1 C-term Pab	¥34,000/0.1 mg
AP7920a	MLK2 C-term Pab	¥34,000/0.1 mg
AP7921a	MLK3 C-term Pab	¥34,000/0.1 mg
AP8068b*	MLKLAK C-term Pab	¥34,000/0.1 mg
AP7543b*	MOK C-term Pab	¥34,000/0.1 mg
AP8069a*	MOS N-term Pab	¥34,000/0.1 mg
AP7010a	MSK1 N-term Pab	¥34,000/0.1 mg
AP7011a	MSK2 C-term Pab	¥34,000/0.1 mg
AP7544b*	MSSK1 C-term Pab	¥34,000/0.1 mg
AP7922a	MST1 C-term Pab	¥34,000/0.1 mg
AP7923a	MST2 C-term Pab	¥34,000/0.1 mg
AP7924a	MST3 C-term Pab	¥34,000/0.1 mg
AP7925a	MST4 C-term Pab	¥34,000/0.1 mg
AP7664b	MuSK C-term Pab	¥34,000/0.1 mg
AP7664a	MuSK N-term Pab	¥34,000/0.1 mg
AP8072b*	NEK1 C-term Pab	¥34,000/0.1 mg
AP8070b*	NEK11L C-term Pab	¥34,000/0.1 mg
AP8071b*	NEK11S/L C-term Pab	¥34,000/0.1 mg
AP8074b*	NEK2 C-term Pab	¥34,000/0.1 mg
AP8073b*	NEK2B C-term Pab	¥34,000/0.1 mg
AP8075b*	NEK3 C-term Pab	¥34,000/0.1 mg
AP8076b*	NEK4 C-term Pab	¥34,000/0.1 mg
AP8077a*	NEK6 N-term Pab	¥34,000/0.1 mg
AP8078a*	NEK7 N-term Pab	¥34,000/0.1 mg
AP8079b*	NEK8 C-term Pab	¥34,000/0.1 mg
AP7967b*	NIK C-term Pab	¥34,000/0.1 mg
AP7545b*	NLK C-term Pab	¥34,000/0.1 mg
AP8080a*	NME1 N-term Pab	¥34,000/0.1 mg
AP8081a*	NME2 N-term Pab	¥34,000/0.1 mg
AP8082c*	NME5 Center Pab	¥34,000/0.1 mg
AP8083a*	NME6 N-term Pab	¥34,000/0.1 mg
AP8084b*	NME7 C-term Pab	¥34,000/0.1 mg
AP8084a*	NME7 N-term Pab	¥34,000/0.1 mg
AP8085a*	NRBP N-term Pab	¥34,000/0.1 mg

Cat.#	Product name	Price
AP8086b*	OPHN1L C-term Pab	¥34,000/0.1 mg
AP7546b*	P38 C-term Pab	¥34,000/0.1 mg
AP7508a	P38 N-term Pab	¥34,000/0.1 mg
AP7509a	P38beta C-term Pab	¥34,000/0.1 mg
AP7510a	P38delta C-term Pab	¥34,000/0.1 mg
AP7511a	P38gamma C-term Pab	¥34,000/0.1 mg
AP7037b*	p70S6K C-term Pab	¥34,000/0.1 mg
AP8009a	p70S6Kbeta C-term Pab	¥34,000/0.1 mg
AP8087b*	PACSIN1 C-term Pab	¥34,000/0.1 mg
AP8087a*	PACSIN1 N-term Pab	¥34,000/0.1 mg
AP8088a*	PACSIN2 N-term Pab	¥34,000/0.1 mg
AP8089a*	PACSIN3 N-term Pab	¥34,000/0.1 mg
AP7926a	PAK1 N-term Pab	¥34,000/0.1 mg
AP7927a	PAK2 N-term Pab	¥34,000/0.1 mg
AP7928a	PAK3 N-term Pab	¥34,000/0.1 mg
AP7929a	PAK4 N-term Pab	¥34,000/0.1 mg
AP7930a	PAK5 Pab	¥34,000/0.1 mg
AP7931a	PAK6 Pab	¥34,000/0.1 mg
AP8090b*	PAPSS1 C-term Pab	¥34,000/0.1 mg
AP8090a*	PAPSS1 N-term Pab	¥34,000/0.1 mg
AP8091b*	PAPSS2 C-term Pab	¥34,000/0.1 mg
AP8091a*	PAPSS2 N-term Pab	¥34,000/0.1 mg
AP8092b*	PBP C-term Pab	¥34,000/0.1 mg
AP8092a*	PBP N-term Pab	¥34,000/0.1 mg
AP8093b*	PCK1 C-term Pab	¥34,000/0.1 mg
AP8093a*	PCK1 N-term Pab	¥34,000/0.1 mg
AP8094b*	PCK2 C-term Pab	¥34,000/0.1 mg
AP8094a*	PCK2 N-term Pab	¥34,000/0.1 mg
AP7547b*	PCTK1 C-term Pab	¥34,000/0.1 mg
AP7548a*	PCTK2 N-term Pab	¥34,000/0.1 mg
AP7549a*	PCTK3 N-term Pab	¥34,000/0.1 mg
AP7666a	PDGFRA N-term Pab	¥34,000/0.1 mg
AP7667b	PDGFRB C-term Pab	¥34,000/0.1 mg
AP7667a	PDGFRB N-term Pab	¥34,000/0.1 mg
AP7038a*	PDK1 N-term Pab	¥34,000/0.1 mg
AP7039b*	PDK2 C-term Pab	¥34,000/0.1 mg
AP7040a*	PDK3 N-term Pab	¥34,000/0.1 mg
AP7041b*	PDK4 C-term Pab	¥34,000/0.1 mg
AP7042b*	PDPK1 C-term Pab	¥34,000/0.1 mg
AP7042a*	PDPK1 N-term Pab	¥34,000/0.1 mg
AP8054b*	PERK C-term Pab	¥34,000/0.1 mg
AP7550a*	PFTK1 N-term Pab	¥34,000/0.1 mg
AP7232b*	PHKG1 C-term Pab	¥34,000/0.1 mg
AP7233b*	PHKG2 C-term Pab	¥34,000/0.1 mg
AP7233a*	PHKG2 N-term Pab	¥34,000/0.1 mg

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All antibodies, polyclonal (Pab) and monoclonal (Mab) have been tested positive by ELISA and Western Blot (WB).
(*) Pre-released products are currently tested in WB.

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Cat.#	Product name	Price
AP8010a	PI3KC2A N-term Pab	¥34,000/0.1 mg
AP8011a	PI3KC2B N-term Pab	¥34,000/0.1 mg
AP8012b	PI3KC2G C-term Pab	¥34,000/0.1 mg
AP8012a	PI3KC2G N-term Pab	¥34,000/0.1 mg
AP8014b	PI3KC3 C-term Pab	¥34,000/0.1 mg
AP8014a	PI3KC3 N-term Pab	¥34,000/0.1 mg
AP8016b	PI3KCA C-term Pab	¥34,000/0.1 mg
AP8016a	PI3KCA N-term Pab	¥34,000/0.1 mg
AP8017b	PI3KCB C-term Pab	¥34,000/0.1 mg
AP8017a	PI3KCB N-term Pab	¥34,000/0.1 mg
AP8020a	PI3KCD C-term Pab	¥34,000/0.1 mg
AP8021b	PI3KCG C-term Pab	¥34,000/0.1 mg
AP8021a	PI3KCG N-term Pab	¥34,000/0.1 mg
AP8023a	PI3KR1 N-term Pab	¥34,000/0.1 mg
AP8024b	PI3KR2 C-term Pab	¥34,000/0.1 mg
AP8024a	PI3KR2 N-term Pab	¥34,000/0.1 mg
AP8025a	PI3KR3 C-term Pab	¥34,000/0.1 mg
AP8026b	PI3KR4 C-term Pab	¥34,000/0.1 mg
AP8026a	PI3KR4 N-term Pab	¥34,000/0.1 mg
AP8033b	PI4K II beta C-term Pab	¥34,000/0.1 mg
AP8033a	PI4K II beta N-term Pab	¥34,000/0.1 mg
AP8032a	PI4K II N-term Pab	¥34,000/0.1 mg
AP8029b	PI4KCA C-term Pab	¥34,000/0.1 mg
AP8029a	PI4KCA N-term Pab	¥34,000/0.1 mg
AP8030b	PI4KCB C-term Pab	¥34,000/0.1 mg
AP8030a	PI4KCB N-term Pab	¥34,000/0.1 mg
AP8036a	PI5K C-term Pab	¥34,000/0.1 mg
AP7932a	PIM1 N-term Pab	¥34,000/0.1 mg
AP7933a	PIM2 N-term Pab	¥34,000/0.1 mg
AP8037a	PIP5K1A N-term Pab	¥34,000/0.1 mg
AP8038a	PIP5K1B N-term Pab	¥34,000/0.1 mg
AP8039b	PIP5K1G C-term Pab	¥34,000/0.1 mg
AP8039a	PIP5K1G N-term Pab	¥34,000/0.1 mg
AP8041b	PIP5K2A C-term Pab	¥34,000/0.1 mg
AP8041a	PIP5K2A N-term Pab	¥34,000/0.1 mg
AP8042b	PIP5K2B C-term Pab	¥34,000/0.1 mg
AP8042a	PIP5K2B N-term Pab	¥34,000/0.1 mg
AP8043a	PIP5K2G C-term Pab	¥34,000/0.1 mg
AP7013a	PKA/C 1/2 N-term Pab	¥34,000/0.1 mg
AP7014a	PKA/C 3 N-term Pab	¥34,000/0.1 mg
AP7015a	PKC alpha C-term Pab	¥34,000/0.1 mg
AP7016a	PKC beta1/2 C-term Pab	¥34,000/0.1 mg
AP7016b	PKC beta2 C-term Pab	¥34,000/0.1 mg
AP7018a	PKC delta N-term Pab	¥34,000/0.1 mg
AP7019a	PKC epsilon N-term Pab	¥34,000/0.1 mg

Cat.#	Product name	Price
AP7020a	PKC etha N-term Pab	¥34,000/0.1 mg
AP7021a	PKC gamma C-term Pab	¥34,000/0.1 mg
AP7022a	PKC iota N-term Pab	¥34,000/0.1 mg
AP7023b	PKC mu C-term Pab	¥34,000/0.1 mg
AP7023a	PKC mu N-term Pab	¥34,000/0.1 mg
AP7025b	PKC nu C-term Pab	¥34,000/0.1 mg
AP7025a	PKC nu N-term Pab	¥34,000/0.1 mg
AP7027a	PKC teta C-term Pab	¥34,000/0.1 mg
AP7028a	PKC zeta N-term Pab	¥34,000/0.1 mg
AP7934a	PKD2 C-term Pab	¥34,000/0.1 mg
AP7043b*	PKLR C-term Pab	¥34,000/0.1 mg
AP7043a*	PKLR N-term Pab	¥34,000/0.1 mg
AP7044b*	PKM2 C-term Pab	¥34,000/0.1 mg
AP7935a	PKN beta C-term Pab	¥34,000/0.1 mg
AP7936a	PKN N-term Pab	¥34,000/0.1 mg
AP8095a*	PKR1 N-term Pab	¥34,000/0.1 mg
AP8096a*	PKR2 N-term Pab	¥34,000/0.1 mg
AP7937a	PLK C-term Pab	¥34,000/0.1 mg
AP7938a	PRK1 C-term Pab	¥34,000/0.1 mg
AP7939a	PRK2 C-term Pab	¥34,000/0.1 mg
AP7045a*	PRKAB1 N-term Pab	¥34,000/0.1 mg
AP7046a*	PRKAB2 N-term Pab	¥34,000/0.1 mg
AP7047a*	PRKACB N-term Pab	¥34,000/0.1 mg
AP7048b*	PRKAG1 C-term Pab	¥34,000/0.1 mg
AP7049a*	PRKAG2 N-term Pab	¥34,000/0.1 mg
AP7050a*	PRKAG3 N-term Pab	¥34,000/0.1 mg
AP7051a*	PRKAR1B N-term Pab	¥34,000/0.1 mg
AP7052a*	PRKAR2B N-term Pab	¥34,000/0.1 mg
AP7053b*	PRKDC C-term Pab	¥34,000/0.1 mg
AP7053a*	PRKDC N-term Pab	¥34,000/0.1 mg
AP7054b*	PRKWNK3 C-term Pab	¥34,000/0.1 mg
AP7054a*	PRKWNK3 N-term Pab	¥34,000/0.1 mg
AP7055b*	PRKWNK4 C-term Pab	¥34,000/0.1 mg
AP7055a*	PRKWNK4 N-term Pab	¥34,000/0.1 mg
AP7940a	PRKX C-term Pab	¥34,000/0.1 mg
AP7551b*	PRP4 C-term Pab	¥34,000/0.1 mg
AP7551a*	PRP4 N-term Pab	¥34,000/0.1 mg
AP8097b*	PRPK C-term Pab	¥34,000/0.1 mg
AP7235a*	PSKH1 N-term Pab	¥34,000/0.1 mg
AP7236b*	PSKH2 C-term Pab	¥34,000/0.1 mg
AP7715a*	PTK6 N-term Pab	¥34,000/0.1 mg
AP7716a*	PTK7 N-term Pab	¥34,000/0.1 mg
AP7816a*	RAF1 N-term Pab	¥34,000/0.1 mg
AP7669b	RET C-term Pab	¥34,000/0.1 mg
AP7669a	RET N-term Pab	¥34,000/0.1 mg
AP7817b*	RIPK1 C-term Pab	¥34,000/0.1 mg
AP7818b*	RIPK2 C-term Pab	¥34,000/0.1 mg

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All antibodies, polyclonal (Pab) and monoclonal (Mab) have been tested positive by ELISA and Western Blot (WB).
(* Pre-released products are currently tested in WB).

Cat.#	Product name	Price
AP7819b*	RIPK3 C-term Pab	¥34,000/0.1 mg
AP7674b	RON C-term Pab	¥34,000/0.1 mg
AP7674a	RON N-term Pab	¥34,000/0.1 mg
AP7671a	RON1 N-term Pab	¥34,000/0.1 mg
AP7672b	RON2 C-term Pab	¥34,000/0.1 mg
AP7672a	RON2 N-term Pab	¥34,000/0.1 mg
AP7676a	ROS N-term Pab	¥34,000/0.1 mg
AP7941a	RSK1 C-term Pab	¥34,000/0.1 mg
AP7942b	RSK2 C-term Pab	¥34,000/0.1 mg
AP7942a	RSK2 N-term Pab	¥34,000/0.1 mg
AP7943a	RSK3 C-term Pab	¥34,000/0.1 mg
AP7944a	RSK4 N-term Pab	¥34,000/0.1 mg
AP7677b	RYK C-term Pab	¥34,000/0.1 mg
AP7677a	RYK Pab	¥34,000/0.1 mg
AP7946a	SAK C-term Pab	¥34,000/0.1 mg
AP7056a*	SGK N-term Pab	¥34,000/0.1 mg
AP7947b	SGK2 C-term Pab	¥34,000/0.1 mg
AP7947a	SGK2 N-term Pab	¥34,000/0.1 mg
AP7949a	SGK3 N-term Pab	¥34,000/0.1 mg
AP7949b	SGK3 Pab	¥34,000/0.1 mg
AP7679b	SKY C-term Pab	¥34,000/0.1 mg
AP7679a	SKY N-term Pab	¥34,000/0.1 mg
AP7951a	SLK Pab	¥34,000/0.1 mg
AP8055c*	SMG1 C-term Pab	¥34,000/0.1 mg
AP8055a*	SMG1 N-term Pab	¥34,000/0.1 mg
AP8099c*	SNF1LK Center Pab	¥34,000/0.1 mg
AP8099b*	SNF1LK C-term Pab	¥34,000/0.1 mg
AP7252a	SNK C-term Pab	¥34,000/0.1 mg
AP7968b*	SPAK C-term Pab	¥34,000/0.1 mg
AP7237b*	SPHK1 C-term Pab	¥34,000/0.1 mg
AP7237a*	SPHK1 N-term Pab	¥34,000/0.1 mg
AP7238b*	SPHK2 C-term Pab	¥34,000/0.1 mg
AP7238a*	SPHK2 N-term Pab	¥34,000/0.1 mg
AP7718a*	SRC N-term Pab	¥34,000/0.1 mg
AP7719b*	SRMS C-term Pab	¥34,000/0.1 mg
AP7719a*	SRMS N-term Pab	¥34,000/0.1 mg
AP7552a*	SRPK1 N-term Pab	¥34,000/0.1 mg
AP7553b*	SRPK2 C-term Pab	¥34,000/0.1 mg
AP7239b*	STK11 C-term Pab	¥34,000/0.1 mg
AP7239a*	STK11 N-term Pab	¥34,000/0.1 mg
AP7240b*	STK12 C-term Pab	¥34,000/0.1 mg
AP7240a*	STK12 N-term Pab	¥34,000/0.1 mg
AP7241b*	STK16 C-term Pab	¥34,000/0.1 mg
AP7241a*	STK16 N-term Pab	¥34,000/0.1 mg
AP7242b*	STK31 C-term Pab	¥34,000/0.1 mg
AP7242a*	STK31 N-term Pab	¥34,000/0.1 mg
AP7681a	STK33 C-term Pab	¥34,000/0.1 mg

Cat.#	Product name	Price
AP7243b*	STK35 C-term Pab	¥34,000/0.1 mg
AP7243a*	STK35 N-term Pab	¥34,000/0.1 mg
AP7244c*	STK9 Center Pab	¥34,000/0.1 mg
AP7244b*	STK9 C-term Pab	¥34,000/0.1 mg
AP7720b*	SYK C-term Pab	¥34,000/0.1 mg
AP7953a	TAK1 C-term Pab	¥34,000/0.1 mg
AP7954a	TAO C-term Pab	¥34,000/0.1 mg
AP7969b*	TAO1 C-term Pab	¥34,000/0.1 mg
AP7682a	TAO2 C-term Pab	¥34,000/0.1 mg
AP7721b*	TEC C-term Pab	¥34,000/0.1 mg
AP7684a	TEK C-term Pab	¥34,000/0.1 mg
AP7820b*	TESK1 C-term Pab	¥34,000/0.1 mg
AP7821b*	TESK2 C-term Pab	¥34,000/0.1 mg
AP7822b*	TGFBR1 C-term Pab	¥34,000/0.1 mg
AP7685a	TIE N-term Pab	¥34,000/0.1 mg
AP8100b*	TK C-term Pab	¥34,000/0.1 mg
AP8100a*	TK N-term Pab	¥34,000/0.1 mg
AP8101b*	TLK1 C-term Pab	¥34,000/0.1 mg
AP8102b*	TLK2 C-term Pab	¥34,000/0.1 mg
AP7970b*	TNIK C-term Pab	¥34,000/0.1 mg
AP7970a*	TNIK N-term Pab	¥34,000/0.1 mg
AP7722b*	TNK1 C-term Pab	¥34,000/0.1 mg
AP7686a	TRKA C-term Pab	¥34,000/0.1 mg
AP7687a	TRKB C-term Pab	¥34,000/0.1 mg
AP7688a	TRKC N-term Pab	¥34,000/0.1 mg
AP8056b*	TRRAP C-term Pab	¥34,000/0.1 mg
AP7245b*	TSSK1 C-term Pab	¥34,000/0.1 mg
AP7246a*	TSSK3 N-term Pab	¥34,000/0.1 mg
AP8103a*	TTK N-term Pab	¥34,000/0.1 mg
AP7723a*	TXK N-term Pab	¥34,000/0.1 mg
AP7724b*	TYK2 C-term Pab	¥34,000/0.1 mg
AP7724a*	TYK2 N-term Pab	¥34,000/0.1 mg
AP7683a	TYRO10 C-term Pab	¥34,000/0.1 mg
AP8104b*	ULK1 C-term Pab	¥34,000/0.1 mg
AP8105b*	ULK2 C-term Pab	¥34,000/0.1 mg
AP7955a	UNK C-term Pab	¥34,000/0.1 mg
AP7408b*	VRK1 C-term Pab	¥34,000/0.1 mg
AP7409a*	VRK2 N-term Pab	¥34,000/0.1 mg
AP7410c*	VRK3 Center Pab	¥34,000/0.1 mg
AP8106b*	WEE1 C-term Pab	¥34,000/0.1 mg
AP8107b*	WNK1 C-term Pab	¥34,000/0.1 mg
AP7725a*	YES N-term Pab	¥34,000/0.1 mg
AP7956a	YSK C-term Pab	¥34,000/0.1 mg
AP7823b*	ZAK C-term Pab	¥34,000/0.1 mg
AP7824b*	ZAP70 C-term Pab	¥34,000/0.1 mg

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All antibodies, polyclonal (Pab) and monoclonal (Mab) have been tested positive by ELISA and Western Blot (WB).
(*) Pre-released products are currently tested in WB.

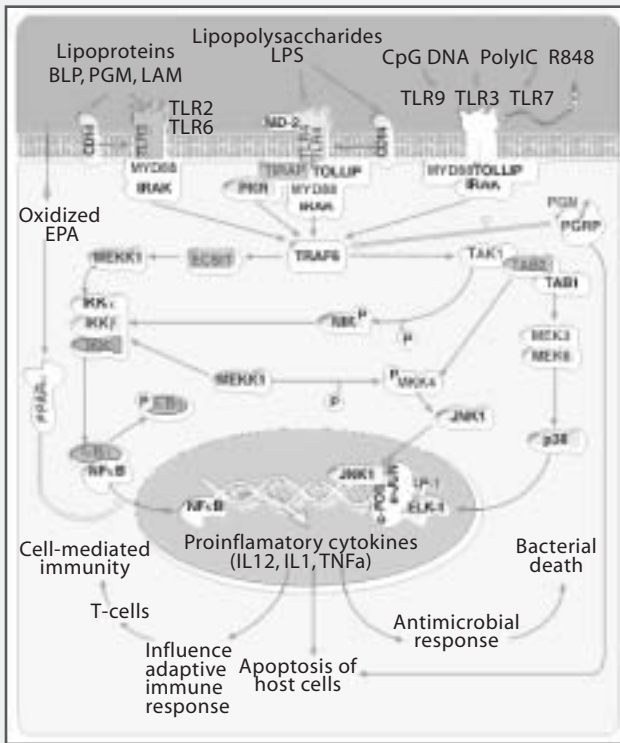
Phosphorylation

Research and Discovery



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Cat.#	Product Name	Price
AP1522a*	hDKK2 N-term Pab	¥34,000/0.1mg
AP1522b*	hDKK2 C-term Pab	¥34,000/0.1mg
AP1523a*	hDKK3 N-term Pab	¥34,000/0.1mg
AP1523b*	hDKK3 C-term Pab	¥34,000/0.1mg
AP1524a*	hDKK4 N-term Pab	¥34,000/0.1mg
AP1524b*	hDKK4 C-term Pab	¥34,000/0.1mg
AP1525a*	hDKKL1 N-term Pab	¥34,000/0.1mg
AP1525b*	hDKKL1 C-term Pab	¥34,000/0.1mg
AP1526a*	hDKKL2 N-term Pab	¥34,000/0.1mg



The innate immune response responds in a general manner to factors present in invading pathogens. Bacterial factors such as lipopolysaccharides (LPS, endotoxin), bacterial lipoproteins, peptidoglycans and also CpG nucleic acids activate innate immunity as well as stimulating the antigen-specific immune response and triggering the inflammatory response. Members of the toll-like receptor (TLR) gene family convey signals stimulated by these factors, activating signal transduction pathways that result in transcriptional regulation and stimulate immune function. TLR2 is activated by bacterial lipoproteins, TLR4 is activated by LPS, and TLR9 is activated by CpG DNA; peptidoglycan recognition protein (PGRP) is activated by peptidoglycan (PGN).

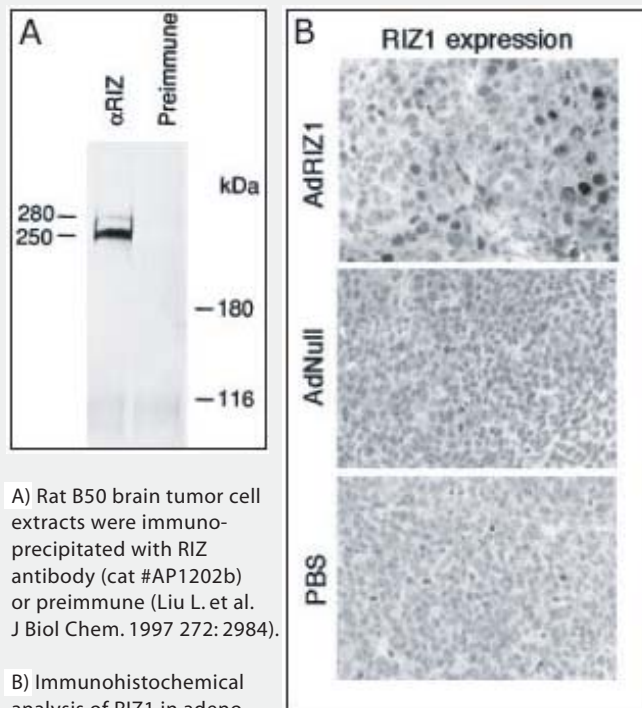
Cat.#	Product Name	Price
AP1501a*	mTLR1 N-term Pab	¥34,000/0.1mg
AP1501b*	mTLR1 C-term Pab	¥34,000/0.1mg
AP1502a*	hTLR2 N-term Pab	¥34,000/0.1mg
AP1502b*	mTLR2 N-term Pab	¥34,000/0.1mg
AP1502c*	mTLR2 C-term Pab	¥34,000/0.1mg
AP1503a*	hTLR3 C-term Pab	¥34,000/0.1mg
AP1503b*	hTLR3 N-term Pab	¥34,000/0.1mg
AP1503c*	mTLR3 N-term Pab	¥34,000/0.1mg
AP1503d*	mTLR3 C-term Pab	¥34,000/0.1mg
AP1504a*	mTLR4 N-term Pab	¥34,000/0.1mg
AP1504b*	mTLR4 C-term Pab	¥34,000/0.1mg
AP1505a*	mTLR5 N-term Pab	¥34,000/0.1mg
AP1505b*	mTLR5 C-term Pab	¥34,000/0.1mg
AP1506a*	hTLR6 C-term Pab	¥34,000/0.1mg
AP1506b*	mTLR6 N-term Pab	¥34,000/0.1mg
AP1506c*	mTLR6 C-term Pab	¥34,000/0.1mg
AP1507a*	hTLR7 C-term Pab	¥34,000/0.1mg
AP1507b*	hTLR7 N-term Pab	¥34,000/0.1mg
AP1507c*	mTLR7 N-term Pab	¥34,000/0.1mg
AP1507d*	mTLR7 C-term Pab	¥34,000/0.1mg
AP1508a*	hTLR8 N-term Pab	¥34,000/0.1mg
AP1508b*	hTLR8 C-term Pab	¥34,000/0.1mg
AP1508c*	mTLR8 N-term Pab	¥34,000/0.1mg
AP1508d*	mTLR8 C-term Pab	¥34,000/0.1mg
AP1509a*	hTLR9 N-term Pab	¥34,000/0.1mg
AP1509b*	hTLR9 C-term Pab	¥34,000/0.1mg
AP1509c*	mTLR9 N-term Pab	¥34,000/0.1mg
AP1509d*	mTLR9 C-term Pab	¥34,000/0.1mg

AM1701a*	hIL12 FT Mab	¥37,000/0.1mg
AM1701b*	hIL12 FT Mab	¥37,000/0.1mg
AM1702a*	hIL17a FT Mab	¥37,000/0.1mg
AM1702b*	hIL17a FT Mab	¥37,000/0.1mg
AM1703a*	hIL22 FT Mab	¥37,000/0.1mg
AM1703b*	hIL22 FT Mab	¥37,000/0.1mg
AP1704a*	hIL24 N-term Pab	¥34,000/0.1mg
AP1704b*	hIL24 C-term Pab	¥34,000/0.1mg
AP1705a*	hIL25 N-term Pab	¥34,000/0.1mg
AP1705b*	hIL25 C-term Pab	¥34,000/0.1mg
AP1706a*	hIL26 C-term Pab	¥34,000/0.1mg
AP1707a*	hIL27 N-term Pab	¥34,000/0.1mg
AP1707b*	hIL27 N-term Pab	¥34,000/0.1mg
AP1708a*	hIL28 C-term Pab	¥34,000/0.1mg
AP1708b*	hIL28 N-term Pab	¥34,000/0.1mg
AP1709a*	hIL29 N-term Pab	¥34,000/0.1mg
AP1709b*	hIL29 C-term Pab	¥34,000/0.1mg

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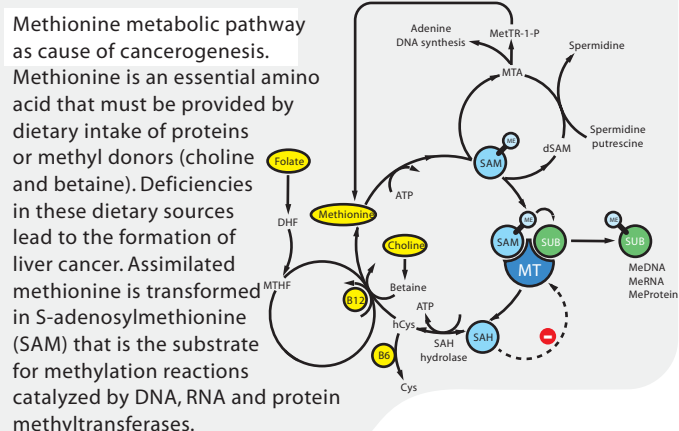
cat.#	Product Name	Price
AM1032a	Dnmt1 Mab	¥37,000/0.1mg
AP1021a	Dnmt2 Pab	¥37,000/0.1mg
AM1034a	Dnmt3a Mab	¥37,000/0.1mg
AM1035a	Dnmt3b Mab	¥37,000/0.1mg
AP1101a	HDAC1 Pab	¥34,000/0.1mg
AP1103a	HDAC3 Pab	¥34,000/0.1mg
AP1104a	HDAC4 Pab	¥34,000/0.1mg
AP1105a	HDAC5 Pab	¥34,000/0.1mg
AP1106a	HDAC6 Pab	¥34,000/0.1mg
AP1107a	HDAC7A Pab	¥34,000/0.1mg
AM1151b	Histone H3-pS10 Mab	¥37,000/0.1mg
AM1151a	Histone H3-pS10 Mab	¥37,000/0.1mg
AM1151c	Histone H3-pS10 Mab	¥37,000/0.1mg
AM1036a	MBD1 Mab	¥37,000/0.1mg
AM1037a	MBD2 Mab	¥37,000/0.1mg
AM1038a	MBD3 Mab	¥37,000/0.1mg
AM1039a	MBD4 Mab	¥37,000/0.1mg
AP1022a	MIZF Pab	¥37,000/0.1mg
AP1023a	TMS1 Pab	¥37,000/0.1mg
AP1201a	PRDM1 (BLIMP1) Pab	¥34,000/0.1mg
AP1202a	PRDM2 (RIZ1) Pab	¥34,000/0.1mg
AM1194a	PRDM2 Mab	¥37,000/0.1mg
AP1203a	PRDM3 (MDS1/EV11) Pab	¥34,000/0.1mg
AM1192a	PRDM3 Mab	¥37,000/0.1mg
AP1204a	PRDM4 (PFM1) Pab	¥34,000/0.1mg
AP1205a	PRDM5 (PFM2) Pab	¥34,000/0.1mg
AP1206a	PRDM6 (PFM3) Pab	¥34,000/0.1mg
AP1208a	PRDM8 (PFM5) Pab	¥34,000/0.1mg
AP1209a	PRDM9 C-term Pab	¥34,000/0.1mg
AM1193a	PRDM10 Mab	¥37,000/0.1mg
AP1210a	PRDM10 N-term Pab	¥34,000/0.1mg
AP1211b	PRDM11 C-term Pab	¥34,000/0.1mg
AP1211a	PRDM11 N-term Pab	¥34,000/0.1mg
AM1195a	PRDM12 Mab	¥37,000/0.1mg
AP1212a	PRDM12 N-term Pab	¥34,000/0.1mg
AP1213b	PRDM13 C-term Pab	¥34,000/0.1mg
AP1213a	PRDM13 N-term Pab	¥34,000/0.1mg
AP1214b	PRDM14 C-term Pab	¥34,000/0.1mg
AP1214a	PRDM14 N-term Pab	¥34,000/0.1mg
AP1215b	PRDM15 C-term Pab	¥34,000/0.1mg
AP1215a	PRDM15 N-term Pab	¥34,000/0.1mg
AP1216a	PRDM16 N-term Pab	¥34,000/0.1mg
AP1001a	PRMT1 C-term Pab	¥34,000/0.1mg
AP1000a	PRMT1 N-term Pab	¥34,000/0.1mg
AP1002a	PRMT2 N-term Pab	¥34,000/0.1mg
AP1003a	PRMT2 C-term Pab	¥34,000/0.1mg
AP1004a	PRMT3 N-term Pab	¥34,000/0.1mg

cat.#	Product Name	Price
AP1005a	PRMT3 C-term Pab	¥34,000/0.1mg
AP1006a	PRMT4 C-term Pab	¥34,000/0.1mg
AP1007a	PRMT5 N-term Pab	¥34,000/0.1mg
AP1008a	PRMT5 C-term Pab	¥34,000/0.1mg
AM1191a	SET07 Mab	¥37,000/0.1mg
AP1191a	SET07 Pab	¥34,000/0.1mg
AM1190a	SUV39H1 Mab	¥37,000/0.1mg
AP1190a	SUV39H1 Pab	¥34,000/0.1mg



A) Rat B50 brain tumor cell extracts were immunoprecipitated with RIZ1 antibody (cat #AP1202b) or preimmune (Liu L. et al. J Biol Chem. 1997 272: 2984).

B) Immunohistochemical analysis of RIZ1 in adenovirus-transduced tumor cells. Established HCT116 xenograft tumors at day 2 after infection of AdRIZ1, Adnull, or buffer alone were processed for RIZ1 in situ detection (TUNEL) analysis. (Jiang G-L. and Huang S. Cancer Res. 2001 61: 1796)



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Methylation Research and Discovery



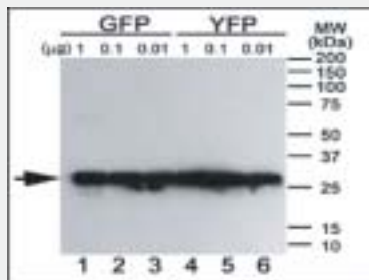
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All antibodies, polyclonal (Pab) and monoclonal (Mab) have been tested positive by ELISA and Western Blot (WB).
(* Pre-released products are currently tested in WB.

Cat.#	Product Name	Price
AP2002b*	OSTC N-term Pab	¥34,000/0.1mg
AP2002a*	OSTC N-term Pab	¥34,000/0.1mg
AP2044a*	p100 Center Pab	¥34,000/0.1mg
AP2044b*	p100 C-term Pab	¥34,000/0.1mg
AP2044c*	p100 C-term Pab	¥34,000/0.1mg
AP2034b*	PDX1 C-term Pab	¥34,000/0.1mg
AP2034a*	PDX1 N-term Pab	¥34,000/0.1mg
AP2035b*	PROX1 C-term Pab	¥34,000/0.1mg
AP2035a*	PROX1 N-term Pab	¥34,000/0.1mg
AP2036a*	SCRATCH1 C-term Pab	¥34,000/0.1mg
AP2037a*	SLUG- N-term Pab	¥34,000/0.1mg
AP2038a*	SNAIL N-term Pab	¥34,000/0.1mg
AP2039b*	Synaptophysin C-term Pab	¥34,000/0.1mg
AP2039a*	Synaptophysin N-term Pab	¥34,000/0.1mg
AP2016b*	T1A-2 N-term Pab	¥34,000/0.1mg
AP2016a*	T1A-2 N-term Pab	¥34,000/0.1mg
AP2040a*	TAU N-term Pab	¥34,000/0.1mg
AP2040b*	TAU C-term Pab	¥34,000/0.1mg
AP2041a*	USP21 N-term Pab	¥34,000/0.1mg
AP2042c*	VEGF3 C-term Pab	¥34,000/0.1mg
AP2042a*	VEGF3 N-term Pab	¥34,000/0.1mg
AP2042b*	VEGF3 Center Pab3	¥34,000/0.1mg
AP2043a*	VEGF4 C-term Pab	¥34,000/0.1mg
AP2043b*	VEGF4 C-term Pab	¥34,000/0.1mg
AP2015b*	XLKD1 C-term Pab	¥34,000/0.1mg
AP2015b*	XLKD1 N-term Pab	¥34,000/0.1mg

Tag Antibodies

AM1007a	Myc Tag Mab	¥34,000/0.1mg
AM1008a	HA Tag Mab	¥34,000/0.1mg
AM1009a	GFP Tag Mab	¥34,000/0.1mg
AM1011a	GST Tag Mab	¥34,000/0.1mg



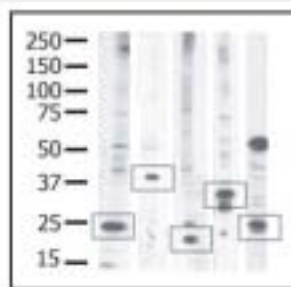
Western blot analysis of anti-GFP Mab (Cat#AM1009a) using purified GFP, YFP and BFP proteins expressed in bacteria: Both GFP (Lns 1-3) and YFP (Lanes 4-6) but not BFP (data not shown) were detected using the purified Mab. Secondary HRP-anti-mouse was used for signal visualization with chemiluminescence.

Cat.#	Product Name	Price
AP2003a*	AC133 N-term Pab	¥34,000/0.1mg
AP2011b*	LOC220311 C-term Pab	¥34,000/0.1mg
AP2004a*	BMPR1A N-term Pab	¥34,000/0.1mg
AP2004b*	BMPR1A C-term Pab	¥34,000/0.1mg
AP2005b*	BMPR1B C-term Pab	¥34,000/0.1mg
AP2005a*	BMPR1B N-term Pab	¥34,000/0.1mg
AP2006a*	BMPR2 N-term Pab	¥34,000/0.1mg
AP2012b*	CCBP2 C-term Pab	¥34,000/0.1mg
AP2012a*	CCBP2 N-term Pab	¥34,000/0.1mg
AP2013a*	CCL19 N-term Pab	¥34,000/0.1mg
AP2013b*	CCL19 C-term Pab	¥34,000/0.1mg
AP2001a*	DOK1 N-term Pab	¥34,000/0.1mg
AP2007a*	DOK2 N-term Pab	¥34,000/0.1mg
AP2007b*	DOK2 C-term Pab	¥34,000/0.1mg
AP2008b*	DOK4 C-term Pab	¥34,000/0.1mg
AP2009b*	DOK5 C-term Pab	¥34,000/0.1mg
AP2017b*	GFAP C-term Pab	¥34,000/0.1mg
AP2017a*	GFAP N-term Pab	¥34,000/0.1mg
AP2011a*	LOC220311 N-term Pab	¥34,000/0.1mg
AP2011b*	LOC220311 C-term Pab	¥34,000/0.1mg
AP2018a*	MAP2 N-term Pab	¥34,000/0.1mg
AP2018b*	MAP2 C-term Pab	¥34,000/0.1mg
AP2019a*	Mash1 N-term Pab	¥34,000/0.1mg
AP2019b*	Mash1 C-term Pab	¥34,000/0.1mg
AP2020a*	Nestin N-term Pab	¥34,000/0.1mg
AP2020b*	Nestin C-term Pab	¥34,000/0.1mg
AP2021b*	NeuroD1 C-term Pab	¥34,000/0.1mg
AP2021a*	NeuroD1 N-term Pab	¥34,000/0.1mg
AP2022a*	NeuroG1 N-term Pab	¥34,000/0.1mg
AP2022b*	NeuroG1 C-term Pab	¥34,000/0.1mg
AP2023b*	Neurogenin2 C-term Pab	¥34,000/0.1mg
AP2023a*	Neurogenin2 N-term Pab	¥34,000/0.1mg
AP2024a*	Neurogenin3 N-term Pab	¥34,000/0.1mg
AP2024b*	Neurogenin3 C-term Pab	¥34,000/0.1mg
AP2025a*	NOTCH1 C-term Pab	¥34,000/0.1mg
AP2026a*	NOTCH2 C-term Pab	¥34,000/0.1mg
AP2026b*	NOTCH2 C-term Pab	¥34,000/0.1mg
AP2027a*	NOTCH3 C-term Pab6	¥34,000/0.1mg
AP2028a*	NOTCH4 C-term Pab	¥34,000/0.1mg
AP2029a*	NRG1 Center Pab	¥34,000/0.1mg
AP2030a*	NRG2 Center Pab	¥34,000/0.1mg
AP2030b*	NRG2 C-term Pab	¥34,000/0.1mg
AP2031a*	NRG3 Center Pab	¥34,000/0.1mg
AP2032a*	NRG4 Center Pab	¥34,000/0.1mg
AP2014a*	NT5E N-term Pab	¥34,000/0.1mg
AP2014b*	NT5E C-term Pab	¥34,000/0.1mg
AP2033a*	NYREN18 C-term Pab	¥34,000/0.1mg

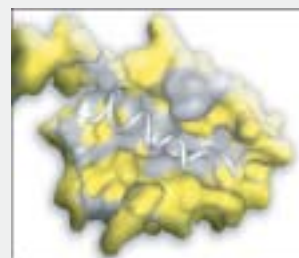
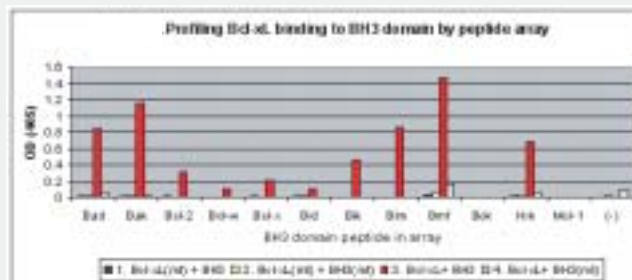
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Cat.#	Product Name	Price
SP1001a	A1/Bfl-1 BH3 Peptide	¥39,000/1mg
SP1001b	A1/Bfl-1 BH3 Mut Peptide	¥39,000/1mg
SP1002a	Bad BH3 Peptide	¥39,000/1mg
SP1002b	Bad BH3 Mut Peptide	¥39,000/1mg
SP1003a	Bak BH3 Peptide	¥39,000/1mg
SP1003b	Bak BH3 Mut Peptide	¥39,000/1mg
SP1004a	Bax BH3 Peptide	¥39,000/1mg
SP1004b	Bax BH3 Mut Peptide	¥39,000/1mg
SP1005a	Bcl-2 BH3 Peptide	¥39,000/1mg
SP1005b	Bcl-2 BH3 Mut Peptide	¥39,000/1mg
SP1006a	Bcl-G BH3 Peptide	¥39,000/1mg
SP1006b	Bcl-G BH3 Mut Peptide	¥39,000/1mg
SP1007a	Bcl-rambo BH3 Peptide	¥39,000/1mg
SP1007b	Bcl-rambo BH3 Mut Peptide	¥39,000/1mg
SP1008a	Bcl-w BH3 Peptide	¥39,000/1mg
SP1008b	Bcl-w BH3 Mut Peptide	¥39,000/1mg
SP1009a	Bcl-x BH3 Peptide	¥39,000/1mg
SP1009b	Bcl-x BH3 Mut Peptide	¥39,000/1mg
SP1010a	Bid BH3 Peptide	¥39,000/1mg
SP1010b	Bid BH3 Mut Peptide	¥39,000/1mg
SP1011a	Bik BH3 Peptide	¥39,000/1mg
SP1011b	Bik BH3 Mut Peptide	¥39,000/1mg
SP1012a	Bim BH3 Peptide	¥39,000/1mg
SP1012b	Bim BH3 Mut Peptide	¥39,000/1mg
SP1013a	Bmf BH3 Peptide	¥39,000/1mg
SP1013b	Bmf BH3 Mut Peptide	¥39,000/1mg
SP1014a	BNIP3L BH3 Peptide	¥39,000/1mg
SP1014b	BNIP3L BH3 Mut Peptide	¥39,000/1mg
SP1015a	Bok BH3 Peptide	¥39,000/1mg
SP1015b	Bok BH3 Mut Peptide	¥39,000/1mg
SP1016a	Hrk BH3 Peptide	¥39,000/1mg
SP1016b	Hrk BH3 Mut Peptide	¥39,000/1mg
SP1017a	Mcl-1 BH3 Peptide	¥39,000/1mg
SP1017b	Mcl-1 BH3 Mut Peptide	¥39,000/1mg
SP1018a	NIP1 BH3 Peptide	¥39,000/1mg
SP1018b	NIP1 BH3 Mut Peptide	¥39,000/1mg
SP1019a	NIP3 BH3 Peptide	¥39,000/1mg
SP1019b	NIP3 BH3 Mut Peptide	¥39,000/1mg
SP1020a	Noxa BH3 Peptide	¥39,000/1mg
SP1020b	Noxa BH3 Mut Peptide	¥39,000/1mg
SP1021a	Puma BH3 Peptide	¥39,000/1mg
SP1021b	Puma BH3 Mut Peptide	¥39,000/1mg
SP1022a	Rad9 BH3 Peptide	¥39,000/1mg
SP1022b	Rad9 BH3 Mut Peptide	¥39,000/1mg

Cat.#	Product Name	Price
AP1300a	A1/Bfl-1 BH3 Domain Pab	¥34,000/0.1mg
AP1301a	Bak BH3 Domain Pab	¥34,000/0.1mg
AP1302a	Bax BH3 Domain Pab	¥34,000/0.1mg
AP1303a	Bcl-2 BH3 Domain Pab	¥34,000/0.1mg
AP1304a	Bcl-G BH3 Domain Pab	¥34,000/0.1mg
AP1305a	Bcl-w BH3 Domain Pab	¥34,000/0.1mg
AP1306a	Bcl-x BH3 Domain Pab	¥34,000/0.1mg
AP1307a	Bid BH3 Domain Pab	¥34,000/0.1mg
AP1308a	Bim BH3 Domain Pab	¥34,000/0.1mg
AP1309a	Bmf BH3 Domain Pab	¥34,000/0.1mg
AP1310a	Bok BH3 Domain Pab	¥34,000/0.1mg
AP1311a	Hrk BH3 Domain Pab	¥34,000/0.1mg
AP1312a	Mcl-1 BH3 Domain Pab	¥34,000/0.1mg
AP1315a	NIP1 BH3 Domain Pab	¥34,000/0.1mg
AP1316a	Noxa BH3 Domain Pab	¥34,000/0.1mg
AP1317a	Puma BH3 Domain Pab	¥34,000/0.1mg
AP1318a	Rad9 BH3 Domain Pab	¥34,000/0.1mg
AP1319a*	hBik BH3 Domain Pab	¥34,000/0.1mg
AP1320a*	hBNIP3L BH3 Domain Pab	¥34,000/0.1mg
AP1321a*	hNIP3 BH3 Domain Pab	¥34,000/0.1mg



Western blot analysis of anti-Bcl-w, -Bid, -Bim, -Mcl-1, -Puma-BH3 Domain Pabs (Cat. #AP1305a, #AP1307a, #AP1308a, #AP1312, #AP1317a, from left to right) in HL60 cell lysate using anti-purified Pab. Secondary HRP-anti-rabbit was used for signal visualization with chemiluminescence.



Computational model based on the NMR structure analysis of BH3 peptide:Bcl-2 protein complex. The structure reveals a hydrophobic groove formed by the combination of the BH1, BH2, and BH3 domains on the surface of the Bcl-2 protein that forms a pocket for insertion of the helical Bak BH3 peptide.

All antibodies, polyclonal (Pab) and monoclonal (Mab) have been tested positive by ELISA and Western Blot (WB).
(*) Pre-released products are currently tested in WB.

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