

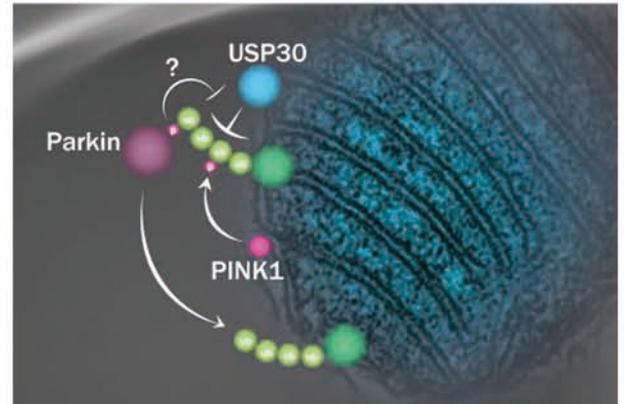


## R&D New Products 4월, 2016

Featured Product: **rhParkin Protein** 출시!!

### Ubiquitin – Related Products for Parkinson's Disease Research

Ubiquitin ligase인 Parkin은 가족성 파킨슨 질환에서 돌연변이 형태로 발견되는 단백질입니다. Parkin 단백질은 손상된 미토콘드리아에 모여있다가, 몇 종류의 단백질에 유비퀴틴화를 시켜서 자가 식작용을 통해 미토콘드리아 내에서 분해될 수 있도록 만들어 주는 역할을 합니다. 그러므로 Parkin 단백질은 파킨슨질환 연구에 있어 중요 타겟이 되고 있습니다.



▶ Order Information

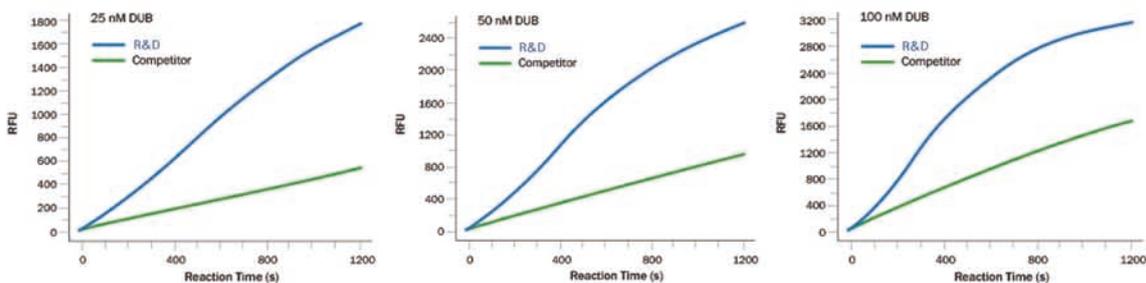
#E3-160 *Recombinant Human Prkin, CF* 25UG

▶ Related Products Information

#### 1. # E-582 : Recombinant Human His6-USP30 Protein, CF

Antagonize Parkin-Mediated Mitophagy with the Most Active USP30 Enzyme on the Market

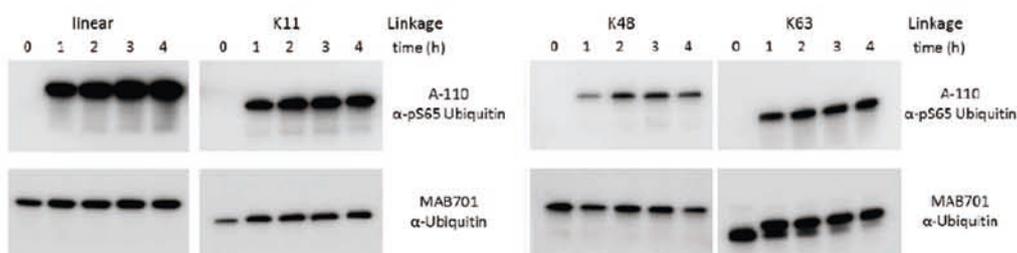
The Ubiquitin hydrosis activity of R&D USP30 enzyme is significantly higher than that of a competitor's.



#### 2. # A-110 : Human Phospho-Ubiquitin (S65) Antibody

Our Ab detect mono- and poly-Ubiquitin chains that are phosphorylated on serine 65.

It does not cross-react with non-phosphorylated Ubiquitin, Ubiquitin phosphorylated on Serine 57 or Tyrosine 59, or phosphorylated Parkin.



### 3. Other Neuroscience Proteins, Abs and Products

Marker	Antibody	Protein	ELISA
<b>PINK1</b>	MAB4357	AP-180	
<b>Tau</b>	AF3494		
	MAB3494		
<b>Synuclein-<math>\alpha</math></b>	AF1338		DY1338-05
	MAB13381		

### ▶ 4월의 신제품

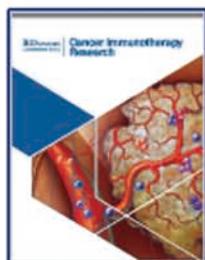
Antibody				
Molecule/Target	Description	Catalog	Size	
CD4	hCD4 A647 MAb (CI 11830)	FAB3791R-025	25 Tests	
		FAB3791V-025	25 Tests	
B7-H7/HHLA2	hB7-H7 A647 MAb (CI 907812)	FAB80841R-025	25 Tests	
		FAB80841T-025	25 Tests	
NLRP6/NALP6	hNLRP2/NALP6 MAb (CI 920631)	MAB9145	100 $\mu$ g	
		MAB9145-SP	25 $\mu$ g	
IL-17 RE	hIL-17 RE APC MAb (CI 934832)	FAB8358A-025	25 Tests	
ErbB4/Her4	hErbB4 MAb (CI 918903)	MAB11312	100 $\mu$ g	
		MAB11312-SP	25 $\mu$ g	
CRISP-1	mCRISP-1 MAb (CI 840017)	MAB4675	100 $\mu$ g	
		MAB4675-SP	25 $\mu$ g	
Oncostatin M/OSM	mOSM MAb (CI 824157)	MAB4951	100 $\mu$ g	
		MAB4951-SP	25 $\mu$ g	
SUSD2	hSUSD2 MAb (CI 944827)	MAB90561	100 $\mu$ g	
		MAB90561-SP	25 $\mu$ g	
Phospho-Src (Y416)	hPhos Src Y416 MAb (1246F)	MAB2685	100 $\mu$ g	
		MAB2685-SP	25 $\mu$ g	
Phospho-STAT5a/b (Y694/Y699)	hPhos STAT5 MAb (1247C)	MAB41901	100 $\mu$ g	
		MAB41901-SP	25 $\mu$ g	
IL-18/IL-1F4	hIL-18 MAb (CI 1072F)	MAB9124	100 $\mu$ g	
		MAB9124-SP	25 $\mu$ g	
IgG1 Fc	hIgG1 Fc APC MAb (CI 97924)	FAB110A-100	100 Tests	
IgG1	hIgG1 Fc PE MAb (CI 97924)	FAB110P-100	100 Tests	
Siglec-6/CD327	hSiglec-6 A700 MAb (CI 767329)	FAB2859N-100	100 Tests	
Thrombomodulin/BDCA-3	hTHBD PE MAb (CI 501733)	FAB3947P-025	25 Tests	
CD1c/BDCA-1	hCD1c APC Aff Pur PAb	FAB5910A-025	25 Tests	
ICAM-4	hICAM-4 PE Aff Pur PAb	FAB7179P-100	100 Tests	
CD34	hCD34 APC MAb (CI QBEnd10)	FAB7227A-025	25 $\mu$ g	
Lgr5/GPR49	mLgr5 APC MAb (CI 889901)	FAB82401A-100	100 Tests	
ICAM-4	hICAM-4 APC MAb (CI 729832)	FAB8397A-100	100 Tests	
		FAB8397P-100	100 $\mu$ g	
T-bet/TBX21	hT-bet PerCP MAb (CI 525803)	IC5385C-025	25 Tests	
		IC5385F-025	25 Tests	
TLR8	hTLR8 A647 MAb (CI 935166)	IC8999R-025	25 Tests	
		IC8999T-025	25 Tests	
IL-9	hIL-9 MAb (CI 795908)	MAB2092	100 $\mu$ g	
		MAB2092-SP	25 $\mu$ g	
Twist-1	hTwist-1 MAb (CI 927403)	MAB6230	100 $\mu$ g	
		MAB6230-SP	25 $\mu$ g	
GDF-9	mGDF-9 MAb (CI 785123)	MAB739	100 $\mu$ g	
		MAB739-SP	25 $\mu$ g	
MYH7	hMYH7 MAb (CI 940906)	MAB9096	100 $\mu$ g	
		MAB9096-SP	25 $\mu$ g	
IFN-beta	hIFN-b Polyclonal Ab (Sheep)	31401-1	20000 U	
CXCR1/IL-8 RA	mCXCR1 APC MAb (CI 1122A)	FAB8628A-100	100 Tests	
		FAB8628P-100	100 Tests	
Pref-1/DLK1/FA1	mPref-1 APC MAb (CI 1168B)	FAB8634A-100	100 Tests	
		FAB8634G-100	100 Tests	
		FAB8634P-100	100 Tests	
IGF-I	hIGF-I MAb (CI 40017A)	MAB2911	100 $\mu$ g	
		MAB2911-SP	25 $\mu$ g	
KLF12	hKLF12 MAb (CI 1230C)	MAB9097	100 $\mu$ g	
		MAB9097-SP	25 $\mu$ g	

Small Molecules			
Molecule/Target	Description	Catalog	Size
Adenosine A1 Receptor Antagonists	PQ 69	5351/10	10 mg
		5351/50	50 mg
Oxidative Phosphorylation Inhibitors	BAM 15	5737/10	10 mg
		5737/50	50 mg
Dehydrogenase Inhibitors	CBR 5884	5836/10	10 mg
		5836/50	50 mg
STING/TMEM173	c-Di-GMP sodium salt	5900/730U	730 µg
NFκB/IκB Inhibitors	IP7e	5699/10	10 mg
		5699/50	50 mg
DNA, RNA and Protein Synthesis Inhibitors	6-Hydroxy-DL-DOPA	5740/10	10 mg
		5740/50	50 mg
DNA, RNA and Protein Synthesis Inhibitors	RS 1	5810/10	10 mg
		5810/50	50 mg
Small G Protein Inhibitors	CPYPP	4568/10	10 mg
		4568/50	50 mg
Cannabinoid R2/CB2 Antagonists	SR 144528	5039/10	10 mg
		5039/50	50 mg
Hydrolase Inhibitors	BPTES	5301/10	10 mg
		5301/50	50 mg
SUMO Activating Enzyme E1 (SAE1/UBA2)	N106	5681/10	10 mg
Fluorescent Probes & Dyes	4-azido-N-ethyl-1,8-naphthalim	5765/10	10 mg
		5796/10	10 mg
Additional PERK-related Compounds	Azoramide	5796/10	10 mg
		5796/50	50 mg

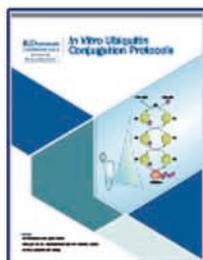
#### Protein & Enzyme

Molecule/Target	Description	Catalog	Size
Ramos Cell 20S Immunoproteasome	hRamos i20S, CF	E-371-025	25 µg
Angiotensin-like Protein 3/ANGPTL3 (Ser17-Thr206)	rmANGPTL3 (aa 17-220) Biot, CF	BT8344-050	50 µg
PNGase F	rFmPNGase F, CF	9109-GH-020	20 µg
		9109-GH-100	100 µg
Parkin	rhHis6-Parkin, CF	E3-160-025	25 µg
LILRA2/CD85h/LT1	rhLILRA2, CF	9040-T4-050	50 µg
Neuroigin 3/NLGN3	rhNeuroigin 3/NLGN3, CF	9069-NL-050	50 µg
MBL	rhMBL, CF	9086-MB-050	50 µg
C1qL3	rhC1qL3, CF	9115-TN-050	50 µg
Angiotensin-like Protein 4/ANGPTL4	rhANGPTL4, Biot, CF	BT4487-050	50 µg
LYPD8 Fc Chimera	rhLYPD8 Fc, CF	9087-C4-050	50 µg

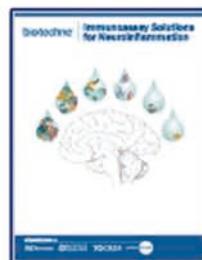
## ▶ New Literatures



Cancer Immunotherapy  
Research



In Vitro Ubiquitin  
Conjugation Protocols



Immunoassay Solutions  
for Neuroinflammation

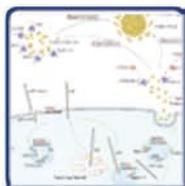


3-D Matrices and Assay  
Kits

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Explore the Mechanisms  
Involved in APP  
Processing



New γ-secretase  
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Active APP Processing  
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