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Anti-PGP9.5 Rabbit mAb [21B86]

Catalog No.: A52273

Basic Information

Catalog No. (Cat.No.)	A52273
Host species	Rabbit
Reactivity	Human,Mouse,Rat
Applications	WB,IHC,IP,IF,ELISA
Synonyms	PGP9.5,UCH-L1,ubiquitin carboxyl-terminal hydrolase L1,deubiquitinating enzyme

Product Information

Target	PGP9.5
Molecular Weight(Calculated)	25 kDa
Molecular Weight(Observed)	25 kDa
Isotype	IgG,Kappa
Conjugation	NA
Concentration	0.2 mg/ml
Clonality	Monoclonal
Clone No.	21B86
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:1000-1:5000
IHC	1:100-1:400
IP	1:50-1:200
IF	1:200-1:1000
ELISA	1:5000-1:20000

Target Information

Protein Name	Ubiquitin carboxyl-terminal hydrolase-L1
Gene Name	*UCHL1*
Domain	NA
Background	UCHL1 (PGP9.5, ubiquitin C-terminal hydrolase L1) is a ubiquitin C-terminal hydrolase family protein mediating de-ubiquitination and ubiquitin recycling. Highly enriched in neurons and neuroendocrine cells, PGP9.5 serves as well-established mature-neuron biomarker. As DUB enzyme, it catalyzes substrate de-ubiquitination and maintains cellular free-ubiquitin pool for protein turnover. Upon neural injury or neurodegeneration, PGP9.5 leaks into extracellular space and elevates cerebrospinal-fluid level. It labels nerve fibers, enteric nervous system and neuroendocrine neoplasms.