

UCHL1/PGP9.5 Monoclonal Antibody

Catalog No: #27188

Package Size: #27188-1 50ul #27188-2 100ul

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Description

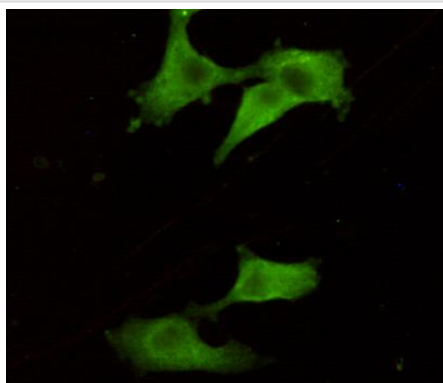
Product Name	UCHL1/PGP9.5 Monoclonal Antibody
Host Species	Mouse
Clonality	Monoclonal
Clone No.	7B8-G5-E7
Isotype	IgG2b
Purification	Affinity purified
Applications	WB ICC
Species Reactivity	Hu
Specificity	This antibody detects endogenous levels of UCHL1 and does not cross-react with related proteins.
Immunogen Type	Recombinant Protein
Immunogen Description	Purified recombinant human UCHL1. protein fragments expressed in E.coli.
Target Name	UCHL1/PGP9.5
Other Names	Neuron cytoplasmic protein 9.5; PGP 9.5; Ubiquitin thioesterase L1
Accession No.	Uniprot: P09936 Gene ID: 7345
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GeneID	7345;
SDS-PAGE MW	25kd
Formulation	Purified mouse monoclonal in PBS(pH 7.4) containing with 0.2% sodium azide, 50% glycerol, 0.1%BSA
Storage	store at -20 \wedge C

Application Details

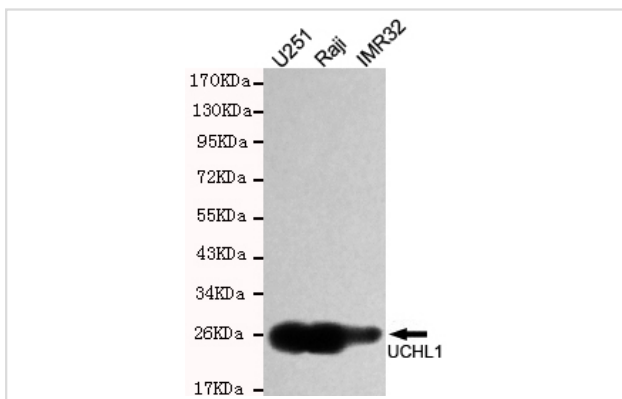
Western blotting: 1:1000

Immunocytochemistry: 1:300

Images



Immunocytochemistry stain of COS7 using UCHL1 antibody (1:300).



Western blot detection of UCHL1 in U251, Raji & IMR32 cell lysates and using UCHL1 antibody (1:1000 diluted). Predicted band size: 25KDa Observed band size: 25KDa

Background

Ubiquitin-protein hydrolase involved both in the processing of ubiquitin precursors and of ubiquitinated proteins. This enzyme is a thiol protease that recognizes and hydrolyzes a peptide bond at the C-terminal glycine of ubiquitin. Also binds to free monoubiquitin and may prevent its degradation in lysosomes. The homodimer may have ATP-independent ubiquitin ligase activity

Note: This product is for in vitro research use only