

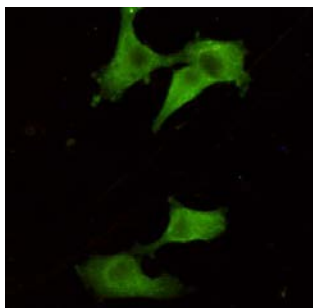


UCHL1 Antibody

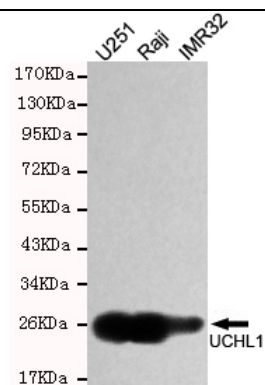
E2200767

Catalog Number:	E2200767
Size:	100ug
Host:	Mouse
Formulation:	Purified mouse monoclonal in PBS(pH 7.4)containing with 0.2% sodium azide,50% glycerol,0.1%BSA.
Sensitivity:	This antibody detects endogenous levels of UCHL1 and does not cross-react with related proteins.
Entrez summary:	The protein encoded by this gene belongs to the peptidase C12 family. This enzyme is a thiol protease that hydrolyzes a peptide bond at the C-terminal glycine of ubiquitin. This gene is specifically expressed in the neurons and in cells of the diffuse neuroendocrine system. Mutations in this gene may be associated with Parkinson disease.
UniPort summary	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
Function:	
Immunogen:	Purified recombinant human UCHL1. protein fragments expressed in E.coli.
Antibody Type:	Monoclonal antibody
Isotype:	IgG2b
Purified method:	Affinity purified
Subcellular location:	Cytoplasm
Reactivity:	H
Applications:	WB,ICC
Molecular Weight:	25kDa
UniProt number:	P09936
GeneBank ID:	NM_004181
Gene symbol:	PARK5; PGP95; PGP9.5; Uch-L1; PGP 9.5
Alternate names:	Neuron cytoplasmic protein 9.5; PGP 9.5; Ubiquitin thioesterase L1

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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: 25 kDa. Observed band size: 25 kDa.