

For Research Use Only

UCHL5 Monoclonal antibody

Catalog Number: 68535-1-Ig **Featured Product**



Basic Information

Catalog Number: 68535-1-Ig	GenBank Accession Number: BC025369	Purification Method: Protein A purification
Size: 150ul, Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 51377	CloneNo.: 2B8G11
Source: Mouse	Full Name: ubiquitin carboxyl-terminal hydrolase L5	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG2a	Calculated MW: 326 aa, 37 kDa	
	Observed MW: 38 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HCT 116 cells, LNCaP cells, MCF-7 cells, HeLa cells, Jurkat cells
Species Specificity: Human	

Background Information

UCHL5 (Ubiquitin carboxyl-terminal hydrolase isozyme L5) is also named as UCH37 and belongs to the peptidase C12 family. It is functionally linked with multiple protein complexes and signal transduction pathways. UCH37's weight average molecular weight increases as a function of its concentration. By size-exclusion chromatography, the apparent molecular weight of UCH37 was 51, 56, 70, and 109 kDa at 0.15, 0.69, 2.4, and 9.5 mg/mL, respectively. Given UCH37's monomeric molecular weight of 37 kDa and its apparent elongated shape, its tendency toward an apparent molecular weight between 40 and 50 kDa at decreasing concentrations is appropriate for UCH37 monomers (PMID:21953935).

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

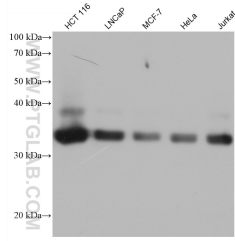
*** 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com W: ptglab.com

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Selected Validation Data

WB result of UCHL5 antibody (68535-1-Ig; 1:40000; incubated at room temperature for 1.5 hours) with sh-Control and sh-UCHL5 transfected HCT 116 cells.



Various lysates were subjected to SDS PAGE followed by western blot with 68535-1-Ig (UCHL5 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.