

For Research Use Only

UCHL5 Monoclonal antibody, PBS Only



Catalog Number: 68535-1-PBS

Featured Product

Basic Information

Catalog Number:

68535-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Mouse

Isotype:

IgG2a

GenBank Accession Number:

BC025369

GeneID (NCBI):

51377

UNIPROT ID:

Q9Y5K5

Full Name:

ubiquitin carboxyl-terminal hydrolase L5

Calculated MW:

326 aa, 37 kDa

Observed MW:

38 kDa

Purification Method:

Protein A purification

CloneNo.:

2B8G11

Applications

Tested Applications:

WB, Indirect ELISA

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 -80°C.

Storage Buffer:

PBS Only

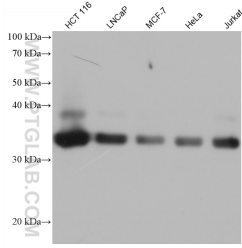
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

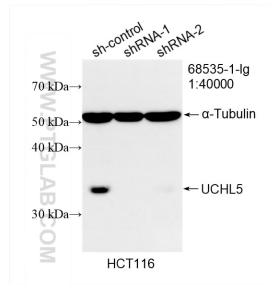
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



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. This data was developed using the same antibody clone with 68535-1-PBS in a different storage buffer formulation.



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. This data was developed using the same antibody clone with 68535-1-PBS in a different storage buffer formulation.