

For Research Use Only

# USP15 Monoclonal antibody

Catalog Number: 67557-1-Ig

Featured Product

2 Publications



## Basic Information

<b>Catalog Number:</b> 67557-1-Ig	<b>GenBank Accession Number:</b> BC020688	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul, Concentration: 2100 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 9958	<b>CloneNo.:</b> 1C9G3
<b>Source:</b> Mouse	<b>Full Name:</b> ubiquitin specific peptidase 15	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IHC 1:500-1:2000
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 112 kDa	
<b>Immunogen Catalog Number:</b> AG5712	<b>Observed MW:</b> 112 kDa	

## Applications

<b>Tested Applications:</b> IHC, WB, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> IF, WB	<b>WB:</b> HeLa cells, LNCaP cells, 4T1 cells, HepG2 cells, HEK-293 cells, Jurkat cells, K-562 cells, HSC-T6 cells, NIH/3T3 cells
<b>Species Specificity:</b> Human, Mouse, Rat	<b>IHC:</b> human breast cancer tissue,
<b>Cited Species:</b> human	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

Ubiquitin is a highly conserved eukaryotic protein that is synthesized as a fusion protein precursor, either to itself or to one of two ribosomal proteins. USP15, is also named as KIAA0529, Unph-2, Unph4, encoding a human ubiquitin-specific protease (USP). The USP15 protein contains the highly conserved Cys and His boxes present in all members of the UBP family of deubiquitinating enzymes (PMID:10444327). It has 3 isoforms produced by alternative splicing.

## Notable Publications

Author	Pubmed ID	Journal	Application
Xiaohong Xia	33771975	Cell Death Dis	WB, IF
Xiaoli Liu	36606578	Endocr Relat Cancer	WB

## Storage

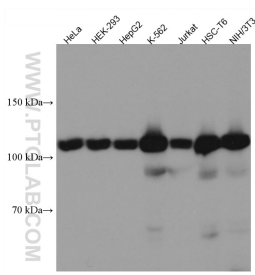
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

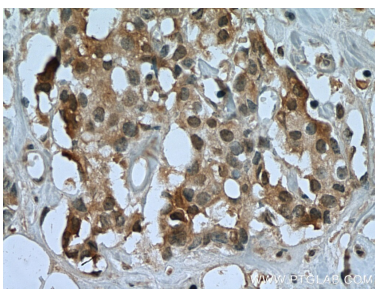
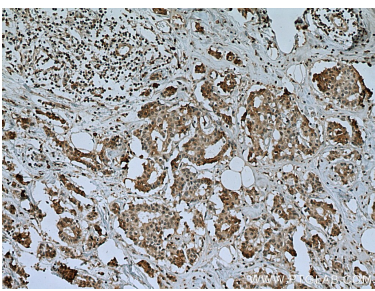
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

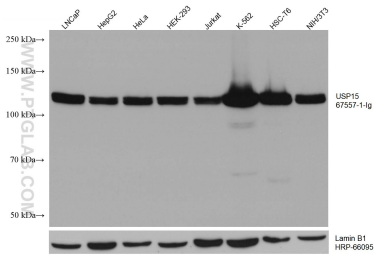
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67557-1-Ig (USP15 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 67557-1-Ig (USP15 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Lamin B1 Monoclonal antibody (HRP-66095) as loading control.



Various lysates were subjected to SDS PAGE followed by western blot with 67557-1-Ig (USP15 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Lamin B1 Monoclonal antibody (HRP-66095) as loading control.