

For Research Use Only

# USP11 Monoclonal antibody

Catalog Number: 67805-1-Ig

Featured Product

1 Publications



## Basic Information

<b>Catalog Number:</b> 67805-1-Ig	<b>GenBank Accession Number:</b> BC000350	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 8237	<b>CloneNo.:</b> 2G6E7
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P51784	<b>Recommended Dilutions:</b> WB: 1:5000-1:50000 IHC: 1:250-1:1000 IF/ICC: 1:200-1:800
<b>Isotype:</b> IgG1	<b>Full Name:</b> ubiquitin specific peptidase 11	
<b>Immunogen Catalog Number:</b> AG19058	<b>Calculated MW:</b> 963 aa, 110 kDa	
	<b>Observed MW:</b> 110 kDa	

## Applications

**Tested Applications:**  
WB, IHC, IF/ICC, ELISA

**Cited Applications:**  
IF

**Species Specificity:**  
human

**Cited Species:**  
human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB :** HCT 116 cells, HEK-293 cells, HeLa cells, Jurkat cells, K-562 cells, Ramos cells, Daudi cells

**IHC :** rat testis tissue, human stomach cancer tissue

**IF/ICC :** HepG2 cells,

## Background Information

USP11(Ubiquitin carboxyl-terminal hydrolase 11), also named as UHX1, is a deubiquitinating enzyme controlling many intracellular processes, including cell cycle progression, transcriptional activation, and signal transduction. There are four bands of 120 kDa, 55 kDa, 50 kDa and 44 kDa to be detected in HeLa extract by western blot and the smaller proteins may be degradation products, some other spliced products could possibly correspond to the smaller proteins and possess functions(PMID:12084015). This protein belongs to the peptidase C19 family.

## Notable Publications

Author	Pubmed ID	Journal	Application
Can Chen	40199774	Angiogenesis	IF

## Storage

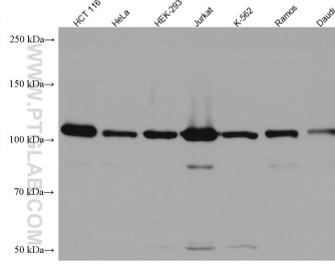
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

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

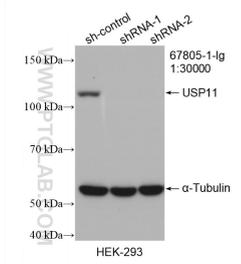
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

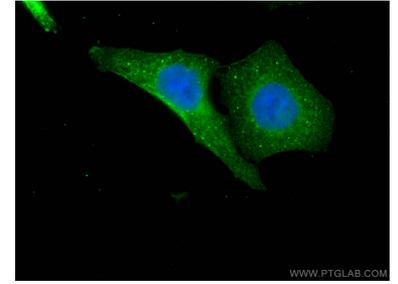
## Selected Validation Data



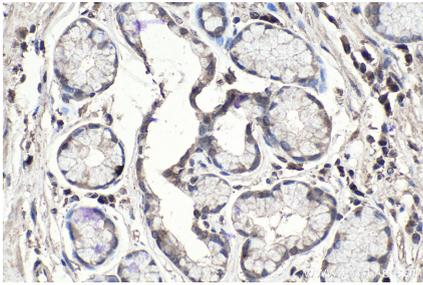
Various lysates were subjected to SDS PAGE followed by western blot with 67805-1-Ig (USP11 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



WB result of USP11 antibody (67805-1-Ig; 1:30000; incubated at room temperature for 1.5 hours) with sh-Control and sh-USP11 transfected HEK-293 cells.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using USP11 antibody (67805-1-Ig, Clone: 2G6E7 ) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human stomach cancer tissue slide using 67805-1-Ig (USP11 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded rat testis tissue slide using 67805-1-Ig (USP11 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).