

For Research Use Only

# ITCH Monoclonal antibody

Catalog Number: 67757-1-Ig **3 Publications**



## Basic Information

<b>Catalog Number:</b> 67757-1-Ig	<b>GenBank Accession Number:</b> BC011571	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , Concentration: 1000 ug/ml by Nanodrop and 467 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 83737	<b>CloneNo.:</b> 2E3G9
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> Q96J02	<b>Recommended Dilutions:</b> WB 1:1000-1:4000 IF/ICC 1:200-1:800
<b>Isotype:</b> IgG2b	<b>Full Name:</b> itchy E3 ubiquitin protein ligase homolog (mouse)	
<b>Immunogen Catalog Number:</b> AG14688	<b>Calculated MW:</b> 903 aa, 103 kDa	
	<b>Observed MW:</b> 103 kDa, 70 kDa	

## Applications

<b>Tested Applications:</b> WB, IF/ICC, ELISA	<b>Positive Controls:</b>
<b>Cited Applications:</b> WB, IF, IP	<b>WB :</b> HeLa cells, HSC-T6 cells, K-562 cells, LNCaP cells, NIH/3T3 cells, HEK-293 cells, Jurkat cells
<b>Species Specificity:</b> Human, mouse, rat	<b>IF/ICC :</b> HepG2 cells,
<b>Cited Species:</b> human	

## Notable Publications

Author	Pubmed ID	Journal	Application
Kyungtae Lim	39815007	EMBO J	WB
Zehua Lin	39406717	Sci Rep	IF
Liansuo Zhang	37760946	Biomedicines	WB,IP

## Storage

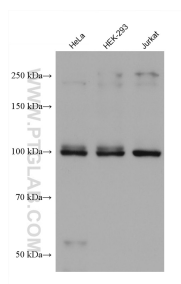
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 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 67757-1-Ig (ITCH antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using ITCH antibody (67757-1-Ig, Clone: 2E3G9) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).