

For Research Use Only

# CD70 Monoclonal antibody

Catalog Number: 67749-1-Ig **1 Publications**



## Basic Information

<b>Catalog Number:</b> 67749-1-Ig	<b>GenBank Accession Number:</b> BC000725	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 1000 µg/ml	<b>GeneID (NCBI):</b> 970	<b>CloneNo.:</b> 1A11A10
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P32970	<b>Recommended Dilutions:</b> WB 1:500-1:2000 IHC 1:400-1:1600 IF 1:200-1:800
<b>Isotype:</b> IgG1	<b>Full Name:</b> CD70 molecule	
<b>Immunogen Catalog Number:</b> AG28070	<b>Calculated MW:</b> 21 kDa	
	<b>Observed MW:</b> 30 kDa	

## Applications

<b>Tested Applications:</b> IF-P, IHC, WB, ELISA	<b>Positive Controls:</b> WB : THP-1 cells, IHC : human tonsillitis tissue, IF : human tonsillitis tissue,
<b>Cited Applications:</b> IHC	
<b>Species Specificity:</b> Human	
<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

### Notable Publications

Author	Pubmed ID	Journal	Application
Xi Tian	35579992	Int J Cancer	IHC

## 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

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

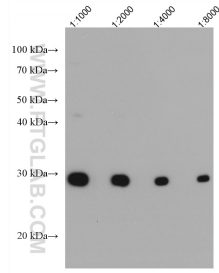
T: 4006900926

E: Proteintech-CN@ptglab.com

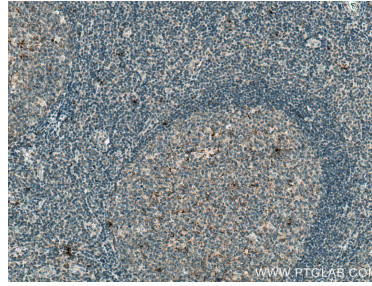
W: ptgcn.com

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

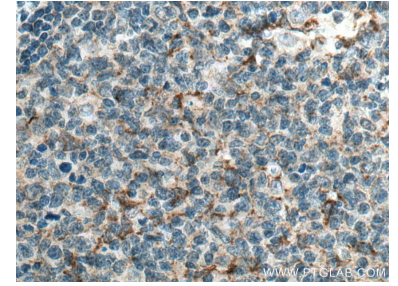
## Selected Validation Data



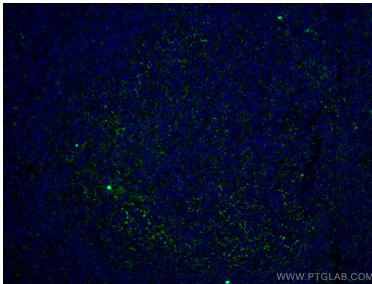
THP-1 cells were subjected to SDS PAGE followed by western blot with 67749-1-Ig (CD70 antibody) at dilution of 1:1000, 2000, 4000 and 8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67749-1-Ig (CD70 antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 67749-1-Ig (CD70 antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CD70 antibody (67749-1-Ig, Clone: 1A11A10) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).