

For Research Use Only

# TYK2 Monoclonal antibody

Catalog Number: 67411-1-Ig **8 Publications**



## Basic Information

<b>Catalog Number:</b> 67411-1-Ig	<b>GenBank Accession Number:</b> BC014243	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul, Concentration: 1700 ug/ml by Nanodrop and 800 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 7297	<b>CloneNo.:</b> 1E1A10
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P29597	<b>Recommended Dilutions:</b> WB 1:1000-1:6000 IHC 1:250-1:1000 IF/ICC 1:200-1:800
<b>Isotype:</b> IgG2b	<b>Full Name:</b> tyrosine kinase 2	
<b>Immunogen Catalog Number:</b> AG9442	<b>Calculated MW:</b> 1187 aa, 134 kDa	
	<b>Observed MW:</b> 134 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, IF/ICC, ELISA	<b>Positive Controls:</b> <b>WB :</b> HeLa cells, HEK-293 cells, K-562 cells, MJ cells, Jurkat cells, MOLT-4 cells, TF-1 cells, HSC-T6 cells, A549 cells, THP-1 cells <b>IHC :</b> human colon cancer tissue, human liver cancer tissue <b>IF/ICC :</b> HepG2 cells,
<b>Cited Applications:</b> WB, IHC	
<b>Species Specificity:</b> Human, rat	
<b>Cited Species:</b> human, mouse	

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

## Notable Publications

Author	Pubmed ID	Journal	Application
Da-Yuan Chen	33140044	bioRxiv	WB
Da-Yuan Chen	34260266	J Virol	WB
Jia Huo	35226228	Invest New Drugs	WB

## Storage

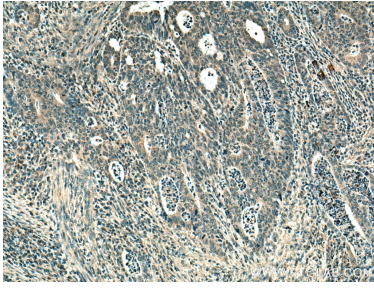
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

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

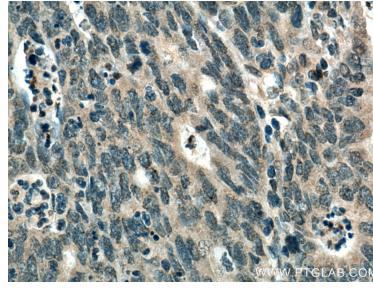
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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

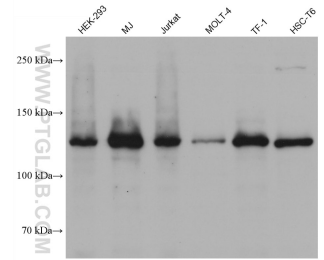
## Selected Validation Data



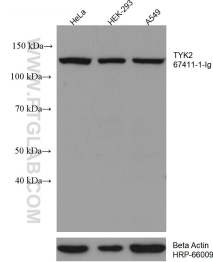
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 67411-1-Ig (TYK2 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 67411-1-Ig (TYK2 antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 67411-1-Ig (TYK2 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 67411-1-Ig (TYK2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated Beta Actin Monoclonal antibody (HRP-66009) as loading control.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using TYK2 antibody (67411-1-Ig, Clone: 1E1A10) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Mouse IgG(H+L), CL594-phalloidin (red).