

For Research Use Only

TYK2 Monoclonal antibody

Catalog Number: 67411-1-Ig **4 Publications**



Basic Information

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

Applications

Tested Applications:

IF, IHC, WB, ELISA

Cited Applications:

WB

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 : HeLa cells, K-562 cells, HEK-293 cells, A549 cells, Jurkat cells, THP-1 cells, HSC-T6 cells

IHC : human colon cancer tissue, human liver cancer tissue

IF : HepG2 cells,

Background Information

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**

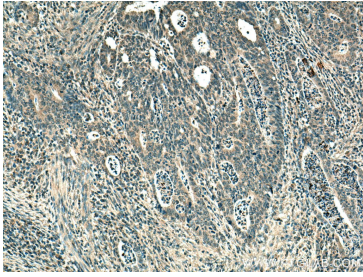
For technical support and original validation data for this product please contact:

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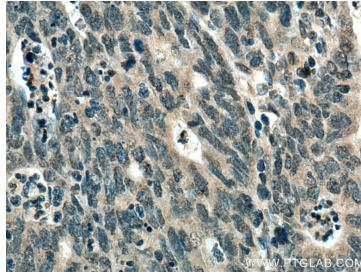
E: proteintech@ptglab.com
W: ptglab.com

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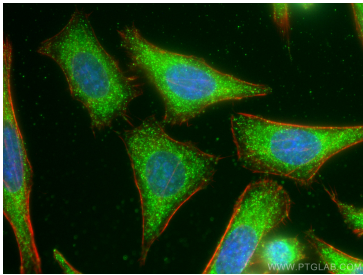
Selected Validation Data



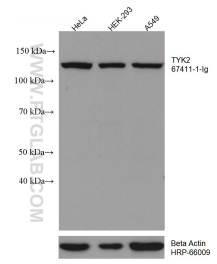
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 67411-1-Ig (TYK2 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).



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 AffiniPure Goat Anti-Mouse IgG(H+L), CL594-Phalloidin (red).



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.