

For Research Use Only

TYK2 Monoclonal antibody

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



Basic Information

Catalog Number: 67411-1-Ig	GenBank Accession Number: BC014243	Purification Method: Protein A purification
Size: 1700 μ g/ml	GeneID (NCBI): 7297	CloneNo.: 1E1A10
Source: Mouse	UNIPROT ID: P29597	Recommended Dilutions: WB 1:1000-1:6000 IHC 1:250-1:1000 IF/ICC 1:200-1:800
Isotype: IgG2b	Full Name: tyrosine kinase 2	
Immunogen Catalog Number: AG9442	Calculated MW: 1187 aa, 134 kDa	
	Observed MW: 134 kDa	

Applications

Tested Applications: WB, IHC, IF/ICC, ELISA	Positive Controls:
Cited Applications: WB, IHC	WB : 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
Species Specificity: Human, rat	IHC : human colon cancer tissue, human liver cancer tissue
Cited Species: human, mouse	IF/ICC : HepG2 cells,
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

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

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

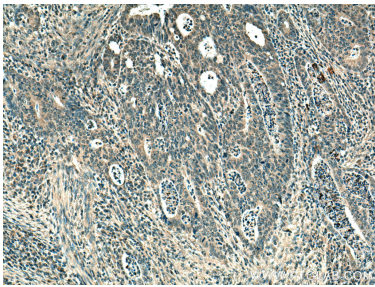
T: 4006900926

E: Proteintech-CN@ptglab.com

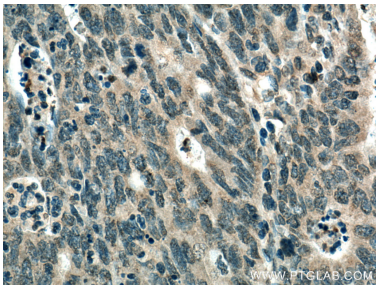
W: ptgcn.com

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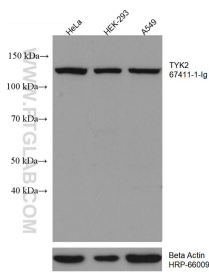
Selected Validation Data



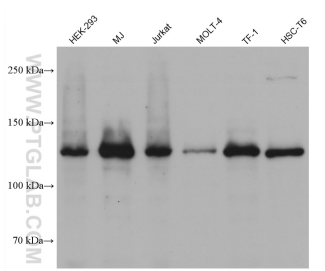
Immunohistochemical analysis of paraffin-embedded human colon cancer tissue slide using 67411-1-Ig (TYK2 antibody) at dilution of 1:500 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



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).



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.



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.



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).