

For Research Use Only

TYK2 Recombinant antibody

Catalog Number: 83161-4-RR



Basic Information

Catalog Number: 83161-4-RR	GenBank Accession Number: BC014243	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 7297	CloneNo.: 230176E7
Source: Rabbit	UNIPROT ID: P29597	Recommended Dilutions: WB 1:5000-1:50000 IHC 1:500-1:2000 IF/ICC 1:200-1:800
Isotype: IgG	Full Name: tyrosine kinase 2	
Immunogen Catalog Number: AG28457	Calculated MW: 1187 aa, 134 kDa	
	Observed MW: 134 kDa	

Applications

Tested Applications:
WB, IHC, IF/ICC, FC (Intra), ELISA

Species Specificity:
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 : HEK-293 cells, HeLa cells

IHC : human ovary cancer tissue,

IF/ICC : HepG2 cells,

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

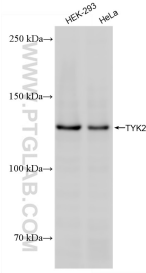
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free
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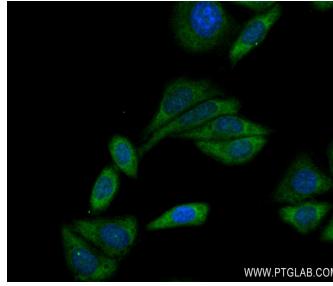
E: proteintech@ptglab.com
W: ptglab.com

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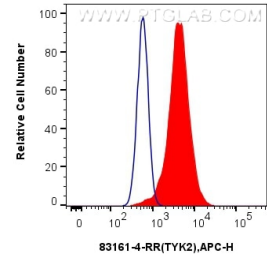
Selected Validation Data



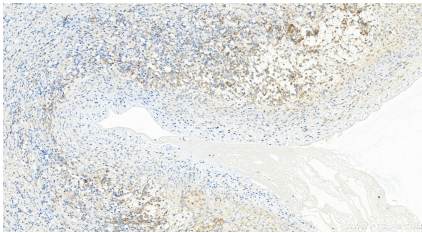
Various lysates were subjected to SDS PAGE followed by western blot with 83161-4-RR (TYK2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



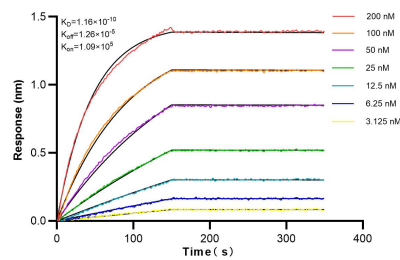
Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using TYK2 antibody (83161-4-RR, Clone: 230176E7) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).



1×10^6 U2OS cells were intracellularly stained with 0.25 μ g TYK2 Recombinant antibody (83161-4-RR, Clone:230176E7) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 μ g Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 83161-4-RR (TYK2 antibody) at dilution of 1:1000 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Biolayer interferometry (BLI) kinetic assays of 83161-4-RR against Human TYK2 were performed. The affinity constant is 0.116 nM.