

For Research Use Only

TYK2 Recombinant antibody

Catalog Number: 83161-4-RR



Basic Information

Catalog Number:

83161-4-RR

Size:

1000 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG28457

GenBank Accession Number:

BC014243

GeneID (NCBI):

7297

UNIPROT ID:

P29597

Full Name:

tyrosine kinase 2

Calculated MW:

1187 aa, 134 kDa

Observed MW:

134 kDa

Purification Method:

Protein A purification

CloneNo.:

230176E7

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA, FC (Intra)

Species Specificity:

Human

Positive Controls:

WB : HEK-293 cells, HeLa cells

IF/ICC : HepG2 cells,

Background Information

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:

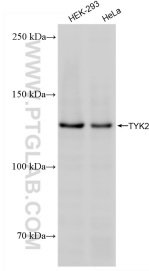
T: 4006900926

E: Proteintech-CN@ptglab.com

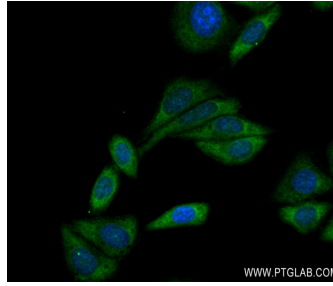
W: ptgcn.com

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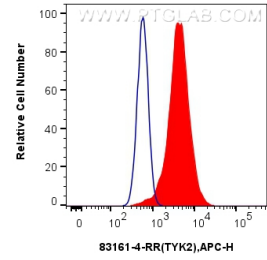
Selected Validation Data



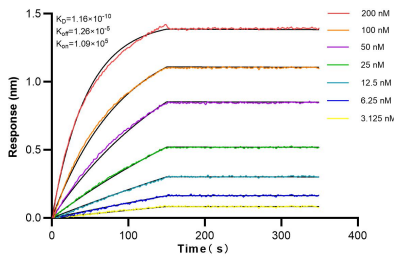
Various lysates were subjected to SDS PAGE followed by western blot with 83161-4-RR (TYK2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



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).



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