

For Research Use Only

# TYK2 Recombinant antibody

Catalog Number: 83161-5-RR



## Basic Information

Catalog Number:

83161-5-RR

Size:

1000 ug/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

Purification Method:

Protein A purification

CloneNo.:

230176B6

Recommended Dilutions:

IF/ICC 1:200-1:800

## Applications

Tested Applications:

IF/ICC, FC (Intra), ELISA

Species Specificity:

human

Positive Controls:

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:

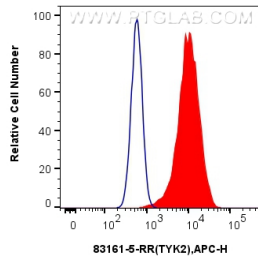
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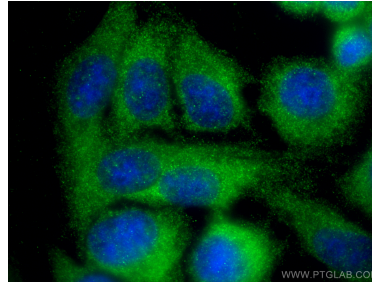
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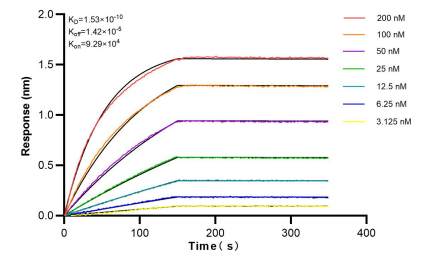
## Selected Validation Data



1x10<sup>6</sup> U2OS cells were intracellularly stained with 0.25 µg Tyk2 Recombinant Antibody (83161-5-RR, Clone:230176B6) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 µg Rabbit IgG control Rabbit PolyAb (30000-O-AP) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using TYK2 antibody (83161-5-RR, Clone: 230176B6 ) at dilution of 1:400 and Multi-rAb CoraLite ® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002).



Biolayer interferometry (BLI) kinetic assays of 83161-5-RR against Human TYK2 were performed. The affinity constant is 0.153 nM.