

For Research Use Only

TYK2 Recombinant antibody, PBS Only

Catalog Number: 83161-4-PBS

Featured Product



Basic Information

Catalog Number:

83161-4-PBS

Size:

100ug, Concentration: 1mg/ml by Nanodrop;

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

Applications

Tested Applications:

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

Species Specificity:

human

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

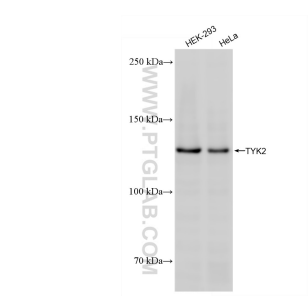
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

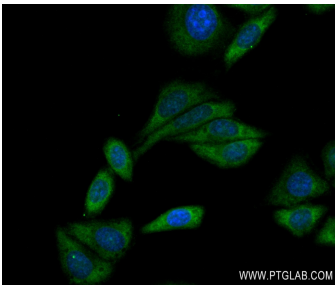
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

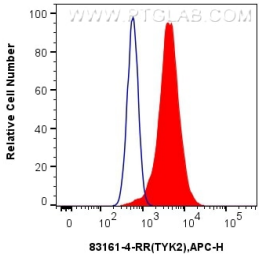
Selected Validation Data



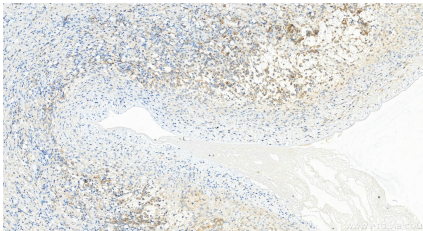
Various lysates were subjected to SDS PAGE followed by western blot with 83161-4-RR (TYK2 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 83161-4-PBS in a different storage buffer formulation.



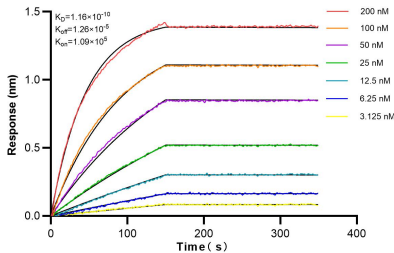
Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using TYK2 antibody (83161-4-RR, Clone: 230176E7) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 83161-4-PBS in a different storage buffer formulation.



1x10⁶ U2OS cells were intracellularly stained with 0.25 ug TYK2 Recombinant antibody (83161-4-RR, Clone:230176E7) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.25 ug Rabbit IgG control Rabbit PolyAb (30000-0-AP) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 83161-4-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 83161-4-PBS in a different storage buffer formulation.



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