

For Research Use Only

EIF3F Recombinant antibody

Catalog Number: 84131-2-RR



Basic Information

Catalog Number:

84131-2-RR

Size:

1000 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34849

GenBank Accession Number:

BC000490

GeneID (NCBI):

8665

UNIPROT ID:

O00303

Full Name:

eukaryotic translation initiation factor 3, subunit F

Calculated MW:

38 kDa

Observed MW:

40-45 kDa

Purification Method:

Protein A purification

CloneNo.:

240894D2

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:125-1:500

Applications

Tested Applications:

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

Species Specificity:

human

Positive Controls:

WB : U2OS cells, HeLa cells

IF/ICC : HeLa cells,

Background Information

EIF3F (eukaryotic translation initiation factor 3 subunit F) is a protein that plays an important role in eukaryotic cells and is an integral part of the translation initiation factor 3(Eif3) complex. EIF3 is a complex of at least 10 distinct subunits and is the largest translation initiation factor in eukaryotes.

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:

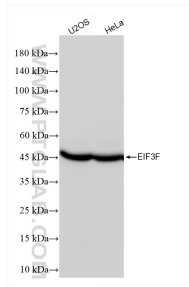
T: 4006900926

E: Proteintech-CN@ptglab.com

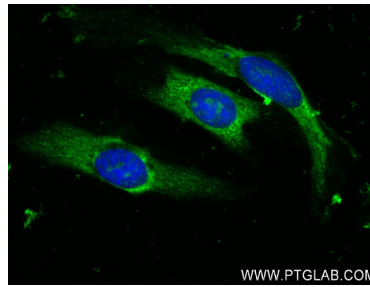
W: ptgcn.com

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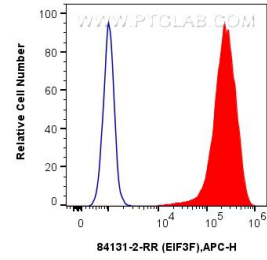
Selected Validation Data



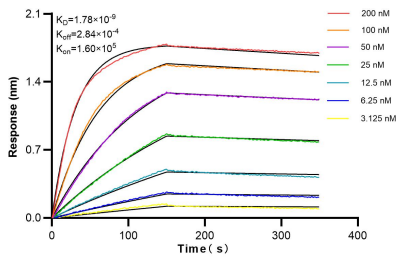
Various lysates were subjected to SDS PAGE followed by western blot with 84131-2-RR (EIF3F antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using EIF3F antibody (84131-2-RR, Clone: 240894D2) at dilution of 1:250 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



1×10^6 HeLa cells were intracellularly stained with 0.25 μ g EIF3F Recombinant antibody (84131-2-RR, Clone:240894D2) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.25 μ g Isotype Control (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



Bi-layer interferometry (BLI) kinetic assays of 84131-2-RR against Human EIF3F were performed. The affinity constant is 1.78 nM.