

For Research Use Only

RNF31 / HOIP Recombinant antibody

Catalog Number: 83137-3-RR



Basic Information

Catalog Number:

83137-3-RR

Size:

100ul, Concentration: 1000 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG34505

GenBank Accession Number:

BC017376

GeneID (NCBI):

55072

UNIPROT ID:

Q96EPO

Full Name:

ring finger protein 31

Calculated MW:

1072 aa, 120 kDa

Purification Method:

Protein A purification

CloneNo.:

230446H1

Recommended Dilutions:

IF/ICC 1:125-1:500

Affinity:

$K_D = 5.82 \times 10^{-10} M$

$K_{Off} = 5.93 \times 10^{-5} M$

$K_{On} = 1.02 \times 10^5 M$

Applications

Tested Applications:

IF/ICC, FC (Intra), ELISA

Species Specificity:

Human

Positive Controls:

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

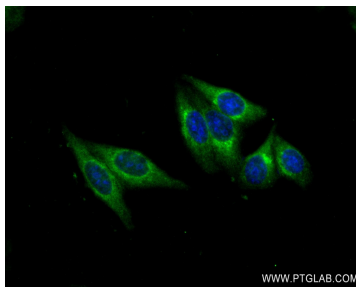
For technical support and original validation data for this product please contact:

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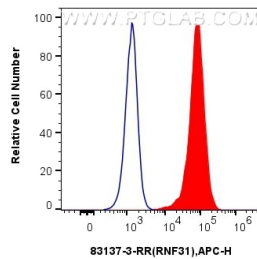
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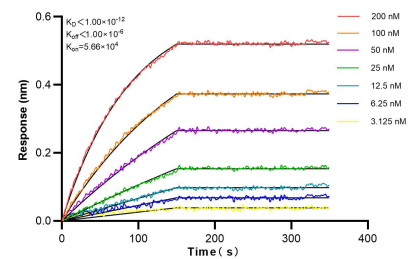
Selected Validation Data



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using RNF31 antibody (83137-3-RR, Clone: 230446H1) at dilution of 1:250 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).



1×10^6 PC-3 cells were intracellularly stained with 0.2 μ g Rnf31 Recombinant Antibody (83137-3-RR, Clone: 230446H1) and APC-Conjugated Goat Anti-Rabbit IgG(H+L)(red), or 0.2 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).



Biolayer interferometry (BLI) kinetic assays of 83137-3-RR against Human RNF31 / HOIP were performed. The affinity constant is below 1 pM.