

For Research Use Only

RNF31 / HOIP Recombinant antibody



Catalog Number: 83137-3-RR

Basic Information

Catalog Number: 83137-3-RR	GenBank Accession Number: BC017376	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 55072	CloneNo.: 230446H1
Source: Rabbit	UNIPROT ID: Q96EPO	Recommended Dilutions: IF 1:125-1:500
Isotype: IgG	Full Name: ring finger protein 31	Affinity: $K_D = 5.82 \times 10^{-10}$
Immunogen Catalog Number: AG34505	Calculated MW: 1072 aa, 120 kDa	$K_{off} = 5.93 \times 10^{-5}$ $K_{on} = 1.02 \times 10^5$

Applications

Tested Applications: IF/ICC, ELISA, FC (Intra)	Positive Controls: IF : HepG2 cells,
Species Specificity: Human	

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:

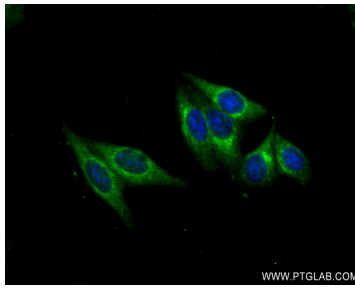
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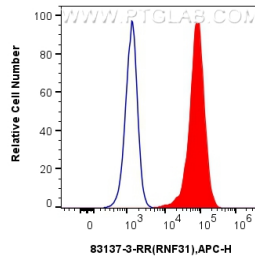
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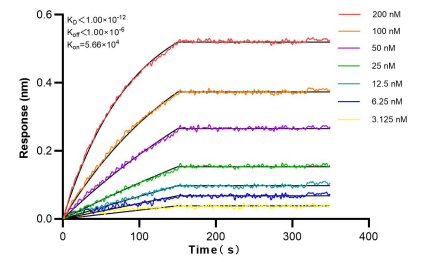
Selected Validation Data



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 AffiniPure Goat Anti-Rabbit IgG(H+L) (SA00013-2).



1x10⁶ PC-3 cells were intracellularly stained with 0.2 ug Rnf31 Recombinant Antibody (83137-3-RR, Clone:230446H1) and APC-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)(red), or 0.2 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).



Biacore kinetic assays of 83137-3-RR against Human RNF31 / HOIP were performed. The affinity constant is below 1 pM.