

For Research Use Only

RNF181 Recombinant antibody

Catalog Number: 85735-2-RR



Basic Information

Catalog Number:

85735-2-RR

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14233

GenBank Accession Number:

BC002803

GeneID (NCBI):

51255

UNIPROT ID:

Q9P0P0

Full Name:

ring finger protein 181

Calculated MW:

153 aa, 18 kDa

Observed MW:

20 kDa

Purification Method:

Protein A purification

CloneNo.:

243121B5

Recommended Dilutions:

WB 1:5000-1:50000

IF/ICC 1:200-1:800

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : K-562 cells, A549 cells, U2OS cells, HEK-293 cells, Jurkat cells

IF/ICC : Jurkat cells,

Background Information

RNF181, also named as HSPC238, is a 153 amino acid protein, which belongs to the RNF181 family. RNF181 is widely expressed, with highest levels in liver and heart and lowest levels in brain and skeletal muscle. RNF181 as a E3 ubiquitin-protein ligase, accepts ubiquitin from an E2 ubiquitin-conjugating enzyme in the form of a thioester and then directly transfers the ubiquitin to targeted substrates.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

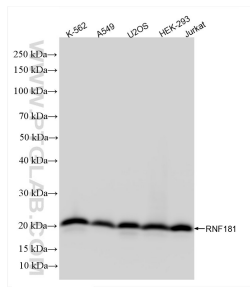
For technical support and original validation data for this product please contact:

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

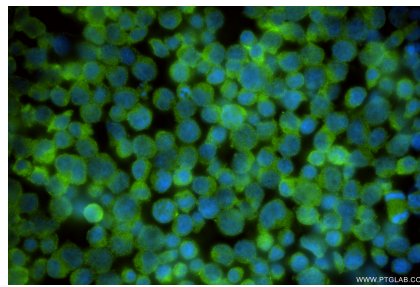
E: proteintech@ptglab.com
W: ptglab.com

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 85735-2-RR (RNF181 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed Jurkat cells using RNF181 antibody (85735-2-RR, Clone: 243121B5) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2).