

For Research Use Only

RNF128 Recombinant monoclonal antibody, PBS Only

Catalog Number: 85137-4-PBS



Basic Information

Catalog Number:

85137-4-PBS

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG22834

GenBank Accession Number:

BC063404

GeneID (NCBI):

79589

UNIPROT ID:

Q8TEB7

Full Name:

ring finger protein 128

Calculated MW:

428 aa, 47 kDa

Observed MW:

70 kDa

Purification Method:

Protein A purification

CloneNo.:

242759G8

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

Background Information

RNF128 (Ring Finger Protein 128), also known as GRAIL (Gene Related to Anergy in Lymphocytes), is an E3 ubiquitin ligase that plays key roles in immune regulation, tumor biology, and antiviral responses. Initially identified in T cells, it is highly expressed in anergic CD4+ T cells and contributes to the induction and maintenance of T-cell anergy by catalyzing the ubiquitination and degradation of critical T-cell signaling molecules such as CD40L, CD80, and Rho-family GTPases.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only, pH7.3

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

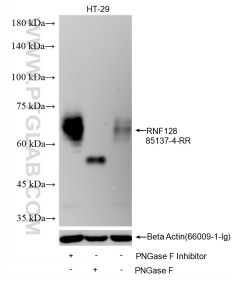
T: 4006900926

E: Proteintech-CN@ptglab.com

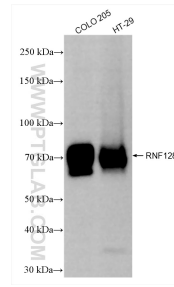
W: ptgcn.com

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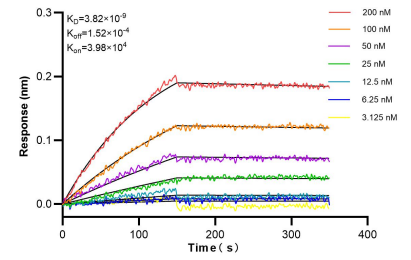
Selected Validation Data



Untreated and PNGase F-treated, PNGase F inhibitor-treated HT-29 cells were subjected to SDS PAGE followed by western blot with 85137-4-RR (RNF128 antibody) at a dilution of 1:1000, incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85137-4-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 85137-4-RR (RNF128 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85137-4-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 85137-4-RR against Human RNF128 were performed. The affinity constant is 3.82 nM.