

For Research Use Only

RNF128 Recombinant monoclonal antibody

Catalog Number: 85137-4-RR



Basic Information

Catalog Number: 85137-4-RR	GenBank Accession Number: BC063404	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 79589	CloneNo.: 242759G8
Isotype: IgG	UNIPROT ID: Q8TEB7	Recommended Dilutions: WB: 1:1000-1:4000
Immunogen Catalog Number: AG22834	Full Name: ring finger protein 128	
	Calculated MW: 428 aa, 47 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : COLO 205 cells, HT-29 cells
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 -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

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

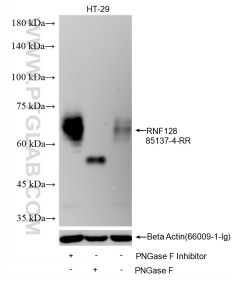
T: 4006900926

E: Proteintech-CN@ptglab.com

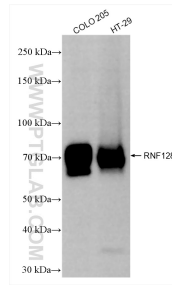
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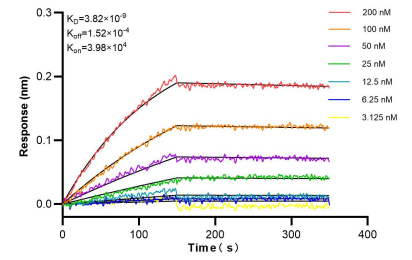
Selected Validation Data



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.



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.



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