

For Research Use Only

RNF128 Recombinant monoclonal antibody, PBS Only

Catalog Number: 85137-4-PBS



Basic Information

Catalog Number: 85137-4-PBS	GenBank Accession Number: BC063404	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 79589	CloneNo.: 242759G8
Source: Rabbit	UNIPROT ID: Q8TEB7	
Isotype: IgG	Full Name: ring finger protein 128	
Immunogen Catalog Number: AG22834	Calculated MW: 428 aa, 47 kDa	
	Observed MW: 70 kDa	

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

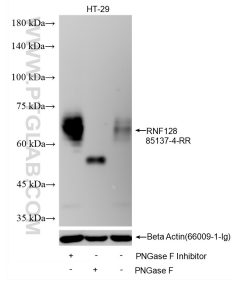
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

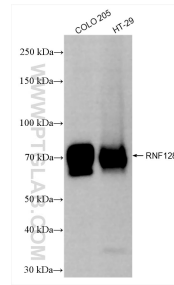
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
W: ptglab.com

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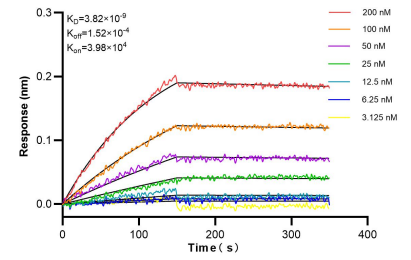
Selected Validation Data



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.