

For Research Use Only

# RNF128 Recombinant monoclonal antibody

Catalog Number:85137-4-RR



## Basic Information

<b>Catalog Number:</b> 85137-4-RR	<b>GenBank Accession Number:</b> BC063404	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 79589	<b>CloneNo.:</b> 242759G8
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8TEB7	<b>Recommended Dilutions:</b> WB: 1:1000-1:4000
<b>Isotype:</b> IgG	<b>Full Name:</b> ring finger protein 128	
<b>Immunogen Catalog Number:</b> AG22834	<b>Calculated MW:</b> 428 aa, 47 kDa	
	<b>Observed MW:</b> 70 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : COLO 205 cells, HT-29 cells
<b>Species Specificity:</b> 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

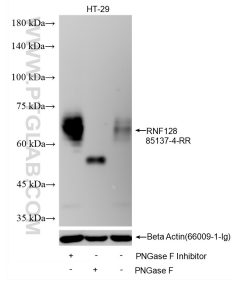
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol, pH7.3  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

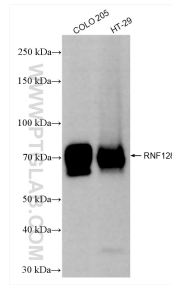
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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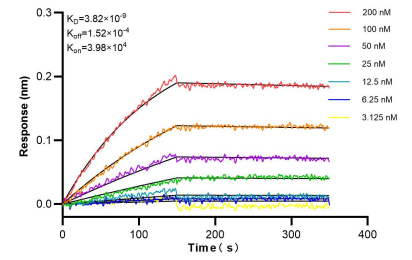
## Selected Validation Data



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.