

For Research Use Only

# Anti-Human BCMA/TNFRSF17 Rabbit Recombinant Antibody

Catalog Number: 98215-1-RR



## Basic Information

<b>Catalog Number:</b> 98215-1-RR	<b>GenBank Accession Number:</b> BC058291	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 100ug , 1000 µg/ml	<b>GeneID (NCBI):</b> 608	<b>CloneNo.:</b> 241731A11
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q02223	
<b>Isotype:</b> IgG	<b>Full Name:</b> tumor necrosis factor receptor superfamily, member 17	
	<b>Calculated MW:</b> 184 aa, 20 kDa	

## Applications

**Tested Applications:**  
FC

**Species Specificity:**  
human

## Background Information

BCMA (B cell maturation antigen), also known as TNFRSF17, is 20.2-kDa type III transmembrane glycoprotein and is a member of the TNF-receptor superfamily. This receptor is preferentially expressed in mature B lymphocytes and plasma cells, which may be important for B cell development and autoimmune response (PMID: 32943087; 9846698). BCMA has two agonist ligands: a proliferation-inducing ligand (APRIL) and BAFF. When BCMA binds to APRIL, it transmits signals of cell survival and proliferation (PMID: 27127303); when BCMA binds to BAFF, it mediates the activation of NF-kappaB and MAPK8/JNK (PMID: 36140254). It has been found that the overexpression and activation of BCMA are associated with multiple myeloma (MM) in preclinical models and humans, supporting its potential utility as a therapeutic target for MM (PMID: 32055000; 32943087).

## Storage

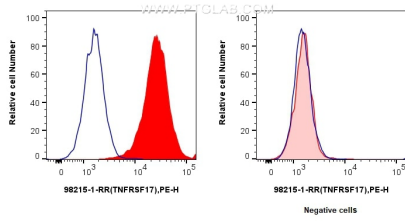
**Storage:**  
Store at 2 - 8°C. Stable for one year after shipment.

**Storage Buffer:**  
PBS with 0.09% sodium azide, pH 7.3.

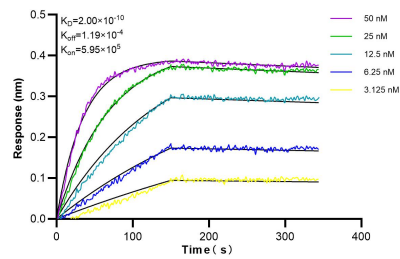
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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## Selected Validation Data



$1 \times 10^6$  U266 cells (left) or HEK-293T (right) were surface stained with 0.25  $\mu$ g Anti-Human BCMA/TNFRSF17 Rabbit Recombinant Antibody (98215-1-RR, Clone: 241731A11) (red) or 0.25  $\mu$ g Rabbit IgG Isotype Control Recombinant Antibody (98136-1-RR, Clone: 240953C9) (blue), and PE-Conjugated Goat Anti-Rabbit IgG(H+L). Cells were not fixed.



Biolayer interferometry (BLI) kinetic assays of 98215-1-RR against Human BCMA/TNFRSF17 were performed. The affinity constant is 0.20 nM.