

For Research Use Only

# Anti-Human BCMA/TNFRSF17 Rabbit Recombinant Antibody, PBS Only

Catalog Number: 98215-1-PBS



## Basic Information

Catalog Number:

98215-1-PBS

Size:

1mg, 2 mg/ml

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

BC058291

GeneID (NCBI):

608

UNIPROT ID:

Q02223

Full Name:

tumor necrosis factor receptor superfamily, member 17

Calculated MW:

184 aa, 20 kDa

Purification Method:

Protein A purification

CloneNo.:

241731A11

## 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 -80°C.

Storage Buffer:

PBS Only

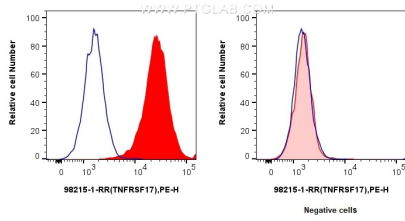
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

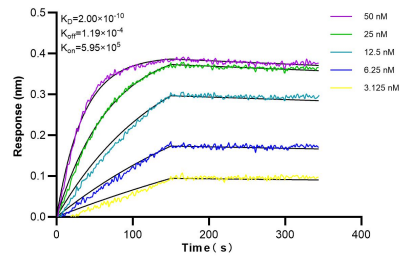
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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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. This data was developed using the same antibody clone with 98215-1-PBS in a different storage buffer formulation.



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