

For Research Use Only

# Anti-Human BCMA/TNFRSF17 Rabbit Recombinant Antibody

Catalog Number: 98215-1-RR



## Basic Information

Catalog Number:

98215-1-RR

Concentration:

100ug, 1000 ug/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 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:

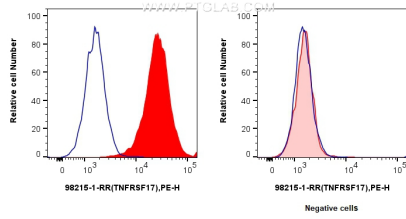
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

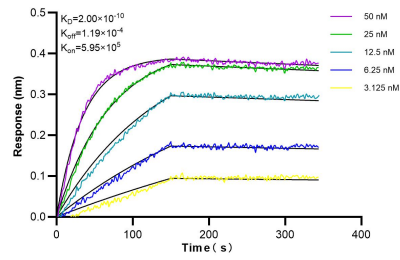
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## Selected Validation Data



1x10<sup>6</sup> U266 cells (left) or HEK-293T (right) were surface stained with 0.25 ug Anti-Human BCMA/TNFRSF17 Rabbit Recombinant Antibody (98215-1-RR, Clone: 241731A11) (red) or 0.25 ug 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.