

For Research Use Only

# FcZero-rAb™ APC Anti-Human BCMA/TNFRSF17 Rabbit Recombinant Antibody

Catalog Number: APC-FcA98215



## Basic Information

Catalog Number:

APC-FcA98215

Size:

100 tests, 5 ul/test

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

EG1812

GenBank Accession Number:

BC058291

GeneID (NCBI):

608

Full Name:

tumor necrosis factor receptor superfamily, member 17

Calculated MW:

184 aa, 20 kDa

Purification Method:

Protein A purification

CloneNo.:

241731A11

Recommended Dilutions:

FC: 5 ul per 10<sup>6</sup> cells in a 100 µl suspension

Excitation/Emission maxima wavelengths:

650 nm / 660 nm

## Applications

Tested Applications:

FC

Species Specificity:

human

Positive Controls:

FC : U266 cells,

## 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- $\kappa$ B 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. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

PBS with 0.09% sodium azide and 0.5% BSA, pH7.3

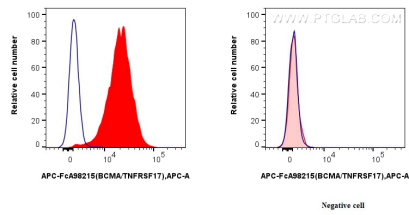
For technical support and original validation data for this product please contact:

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## Selected Validation Data



1x10<sup>6</sup> U266 cells (left) or HEK-293T (right) were surface stained with 5 ul APC Anti-Human BCMA/TNFRSF17 Rabbit RecAb (APC-FcA98215, Clone: 241731A11) (red) or APC Rabbit IgG Isotype Control RecAb (APC-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.