

For Research Use Only

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

Catalog Number: PE-FcA98215



Basic Information

Catalog Number: PE-FcA98215	GenBank Accession Number: BC058291	Purification Method: Protein A purification
Concentration: 100 tests, 5 µl/test	GeneID (NCBI): 608	CloneNo.: 241731A11
Source: Rabbit	Full Name: tumor necrosis factor receptor superfamily, member 17	Recommended Dilutions: FC: 5 µl per 10 ⁶ cells in a 100 µl suspension
Isotype: IgG	Calculated MW: 184 aa, 20 kDa	Excitation/Emission maxima wavelengths: 496 nm, 565 nm / 578 nm
Immunogen Catalog Number: EG1812		

Applications

Tested Applications: FC	Positive Controls: FC : U266 cells,
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. 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:

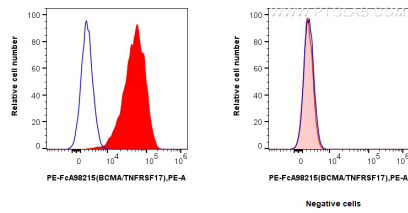
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Selected Validation Data



1x10⁶ U266 cells (left) or HEK-293T cells (right) were surface stained with 5 ul PE Anti-Human BCMA/TNFRSF17 Rabbit RecAb (PE-FcA98215, Clone: 241731A11) (red) or PE Rabbit IgG Isotype Control RecAb (PE-FcA98136, Clone: 240953C9) (blue). Cells were not fixed.