

Product datasheet for **TA306065**

BCMA (TNFRSF17) Rabbit Polyclonal Antibody

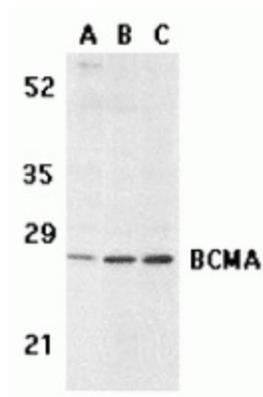
Product data:

Product Type:	Primary Antibodies
Applications:	IF, IHC, WB
Recommended Dilution:	WB: 5 ug/mL, ICC: 10 ug/mL, IF: 20 ug/mL
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	BCMA antibody was raised against a synthetic peptide mapping at the carboxy terminus of human BCMA .
Formulation:	PBS containing 0.02% sodium azide.
Purification:	Affinity chromatography purified via peptide column
Conjugation:	Unconjugated
Storage:	Antibody can be stored at 4°C up to one year. Antibodies should not be exposed to prolonged high temperatures.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	tumor necrosis factor receptor superfamily member 17
Database Link:	NP_001183 Entrez Gene 608 Human Q02223
Background:	Members in the TNF superfamily regulate immune responses and induce apoptosis. Two novel members in the TNF family were recently identified and designated BAFF/BLyS/TALL-1/THANK/zTNF4 (1-4) and April/TALL-2, respectively, (3,5). BAFF was characterized as a B cell activator since it induced B cell proliferation and immunoglobulin secretion (1,2). April regulates immunological and non-immunological cell growth. Three receptors, BCMA (for B cell maturation protein), TACI, and BAFF-R, for BAFF were recently identified (6,7). BCMA, like TACI, binds BAFF and April. BAFF and its receptors induce B cell development and survival, activate NF-κB and c-jun N-terminal kinase, and are involved in B cell associated autoimmune diseases.

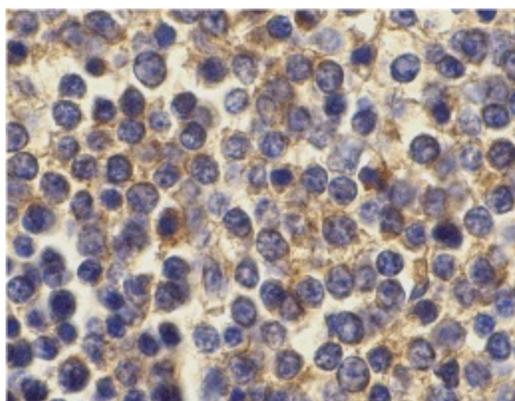


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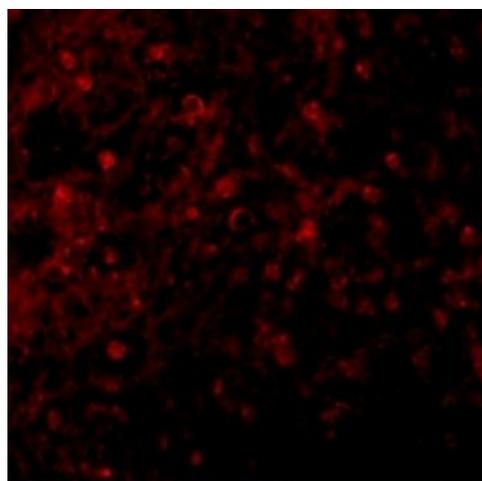
Synonyms: BCM; BCMA; CD269; TNFRSF13A
Protein Families: Druggable Genome, Transmembrane
Protein Pathways: Cytokine-cytokine receptor interaction

Product images:

Western blot analysis of BCMA in human spleen (A) tissue lysate, K562 (B), and U937 (C) cell lysates with BCMA antibody at 5 ug/ml.



Immunohistochemistry of BCMA in human spleen cells with BCMA antibody at 10 ug/ml.



Immunofluorescence of BCMA in Human Spleen tissue with BCMA antibody at 10 ug/mL.