Rabbit anti-Human BCMA Polyclonal Antibody | anti-TNFRSF17 antibody

BCMA Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40024	**Rabbit**	**Human**	**Western Blot, Immunohistochemistry, Immunofluorescence, ELISA**

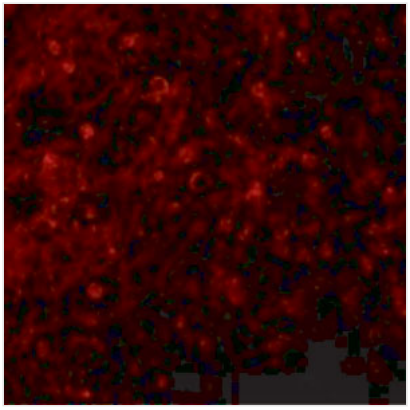
PRODUCT SYNONYMS

BCMA; Polyclonal Antibody; BCMA Antibody; BCM; CD269; TNFRSF13A; Tumor necrosis factor receptor superfamily member 17; B-cell maturation protein; tumor necrosis factor receptor superfamily; member 17; anti-TNFRSF17 antibody

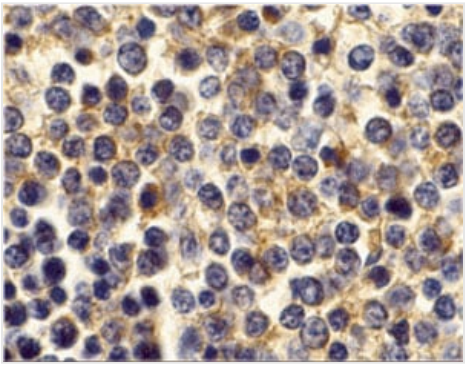
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	BCMA Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid; Supplied in PBS containing 0.02% sodium azide.
Concentration	1 mg/mL (varies by lot)
Sequence Length	184
Applicable Applications for anti-TNFRSF17 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence), ELISA
Conjugate	Unconjugated
Immunogen	BCMA antibody was raised against a synthetic peptide mapping at the carboxy terminus of human BCMA. The immunogen is located within the last 50 amino acids of BCMA.
Positive Control	1) K562 Cell Lysate 2) U937 Cell Lysate 3) Human Spleen Tissue Lysate 4) Human Spleen Tissue Slide
Preparation and Storage	Antibody can be stored at 4 degree C up to one year. Antibodies should not be exposed to prolonged high temperatures.

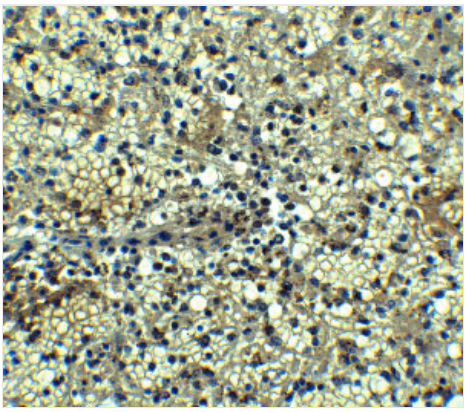
IMAGES



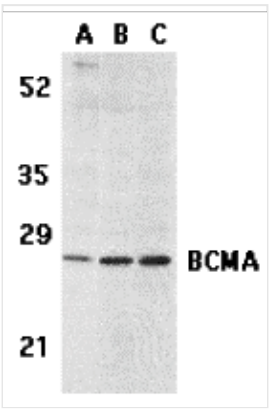
IF (Immunofluorescence)
Immunofluorescence of BCMA in Human Spleen tissue with BCMA antibody at 10 μg/mL.



IHC (Immunohistochemisry)
Immunohistochemistry of BCMA in human spleen tissue with BCMA antibody at 10 μg/mL.



IHC (Immunohiostchemistry)
Immunohistochemistry of BCMA in human spleen tissue with BCMA antibody at 5 μg/mL.



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

ADDITIONAL INFORMATION

Related Product Information for anti-TNFRSF17 antibody	BCMA Antibody: 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 and April/TALL-2, respectively. BAFF was characterized as a B cell activator since it induced B cell proliferation and immunoglobulin secretion. 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. BCMA, like TACI, binds BAFF and April. BAFF and its receptors induce B cell development and survival, activate NF-?B and c-jun N-terminal kinase, and are involved in B cell associated autoimmune diseases.

NCBI AND UNIPROT INFORMATION

NCBI GI #	23238192
NCBI GeneID	608
NCBI Accession #	NP_001183
NCBI GenBank Nucleotide #	NM_001192.2
UniProt Accession #	Q02223; Q2TQ40
Molecular Weight	Predicted: 20 kDa Observed: 27 kDa
NCBI Official Full Name	tumor necrosis factor receptor superfamily member 17

NCBI Official Synonym Full Names	tumor necrosis factor receptor superfamily, member 17
NCBI Official Symbol	TNFRSF17
NCBI Official Synonym Symbols	BCM; BCMA; CD269; TNFRSF13A
NCBI Protein Information	tumor necrosis factor receptor superfamily member 17; B-cell maturation factor; B cell maturation antigen; B-cell maturation protein
UniProt Protein Name	Tumor necrosis factor receptor superfamily member 17
UniProt Gene Name	**TNFRSF17**
UniProt Synonym Gene Names	BCM; BCMA
UniProt Entry Name	TNR17_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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