

Datasheet for ABIN499437

anti-BCMA antibody

2 Images



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Overview

Quantity:	0.1 mg
Target:	BCMA (TNFRSF17)
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BCMA antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Human BCMA Peptide
Isotype:	IgG
Specificity:	BCMA antibody was raised against a synthetic peptide mapping at the carboxy terminus of human BCMA.
Purification:	Affinity chromatography purified via peptide column

Target Details

Target:	BCMA (TNFRSF17)
Alternative Name:	CD269 / BCMA (TNFRSF17 Products)
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-

Target Details

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- κ B and c-jun N-terminal kinase, and are involved in B cell associated autoimmune diseases. Synonyms: B-cell maturation protein, BCM, TNFRSF17, Tumor necrosis factor receptor superfamily member 17

Gene ID: 608

NCBI Accession: [NP_001183](#)

UniProt: [Q02223](#)

Application Details

Application Notes: ELISA. Western Blot: BCMA antibody can be used for detection of BCMA at 2 to 5 μ g/mL. Immunohistochemistry. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Restrictions: For Research Use only

Handling

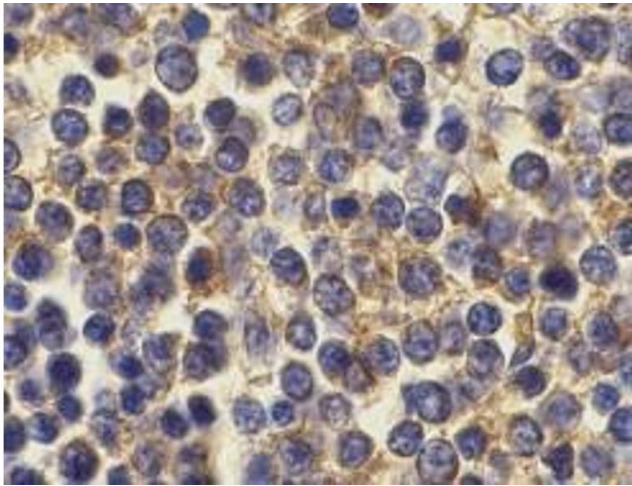
Buffer: PBS containing 0.02 % sodium azide.

Preservative: Sodium azide

Precaution of Use: This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

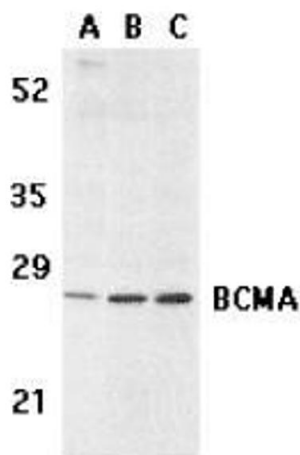
Storage: 4 °C

Storage Comment: Store the antibody undiluted at 2-8 °C.



Immunohistochemistry (Paraffin-embedded Sections)

Image 1. Immunohistochemistry of BCMA in human spleen cells with BCMA antibody at 10 µg/ml.



Western Blotting

Image 2. Western blot analysis of BCMA in human spleen (A) tissue lysate, K562 (B), and U937 (C) cell lysates with AP30133PU-N BCMA antibody at 5 µg/ml.