

Datasheet for ABIN6990362 **anti-BCMA antibody (C-Term)**



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Overview

Quantity:	0.1 mg
Target:	BCMA (TNFRSF17)
Binding Specificity:	C-Term
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This BCMA antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

Product Details

Immunogen:	BCMA antibody was raised against a 16 amino acid synthetic peptide mapping at the carboxy terminus of human BCMA. The immunogen is located within the last 50 amino acids of BCMA.
Isotype:	IgG
Purification:	BCMA Antibody is affinity chromatography purified via peptide column.

Target Details

Target:	BCMA (TNFRSF17)
Alternative Name:	BCMA (TNFRSF17 Products)
Background:	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

Target Details

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- κ B and c-jun N-terminal kinase, and are involved in B cell associated autoimmune diseases.

Molecular Weight: Predicted: 20 kDa

Observed: 27 kDa

Gene ID: 608

NCBI Accession: [NP_001183](#)

UniProt: [Q02223](#)

Application Details

Application Notes: BCMA antibody can be used for detection of BCMA by Western blot at 5 μ g/mL. Antibody can also be used for immunohistochemistry starting at 5 μ g/mL. For immunofluorescence start at 20 μ g/mL.

Antibody validated: Western Blot in human samples, Immunohistochemistry in human samples and Immunofluorescence in human samples. All other applications and species not yet tested.

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 mg/mL

Buffer: BCMA Antibody is supplied in 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: -20 °C, 4 °C

Storage Comment: BCMA antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As

with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.