

ARG54594
anti-BCMA antibodyPackage: 50 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes BCMA
Tested Reactivity	Hu
Tested Application	WB
Specificity	This antibody recognizes human BCMA(B Cell Maturation Protein). BCMA is areceptor for BAFF and April, two novelmembers of the TNF superfamily ofproteins regulating immune responseand the induction of apoptosis throughthe activation of NF-κB and c-jun Nterminalkinase.
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	BCMA
Species	Human
Immunogen	A synthetic peptide corresponding to the C-terminus of Human BCMA.
Conjugation	Un-conjugated
Alternate Names	BCM; BCMA; CD269; CD antigen CD269; Tumor necrosis factor receptor superfamily member 17; B-cell maturation protein; TNFRSF13A

Application Instructions

Application Note	Western blot: Use at 2 - 5 ug/ml. A band of approximately 27 kD is detected using K562 cell lysate as a positive control. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
Positive Control	K562

Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS (pH 7.4) and 0.02% Sodium azide
Preservative	0.02% Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 608 Human Swiss-port # Q02223 Human
Gene Symbol	TNFRSF17
Gene Full Name	tumor necrosis factor receptor superfamily, member 17
Background	The protein encoded by this gene is a member of the TNF-receptor superfamily. This receptor is preferentially expressed in mature B lymphocytes, and may be important for B cell development and autoimmune response. This receptor has been shown to specifically bind to the tumor necrosis factor (ligand) superfamily, member 13b (TNFSF13B/TALL-1/BAFF), and to lead to NF-kappaB and MAPK8/JNK activation. This receptor also binds to various TRAF family members, and thus may transduce signals for cell survival and proliferation. [provided by RefSeq, Jul 2008]
Function	Receptor for TNFSF13B/BLYS/BAFF and TNFSF13/APRIL. Promotes B-cell survival and plays a role in the regulation of humoral immunity. Activates NF-kappa-B and JNK. [UniProt]
Research Area	Cancer antibody; Immune System antibody; Signaling Transduction antibody
Calculated Mw	20 kDa