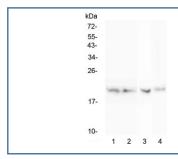


# BCMA Antibody / CD269 / TNFRSF17 (RQ4365)

Catalog No.	Formulation	Size
RQ4365	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

### **Bulk quote request**

Availability	1-3 business days
Species Reactivity	Rat
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose and 0.025% sodium azide
UniProt	D3ZKQ8
Localization	Cell membrane; cytoplasm
Applications	Western Blot : 0.5-1ug/ml ELISA (Capture) : 1-5ug/ml
Limitations	This BCMA antibody is available for research use only.



Western blot testing of rat 1) spleen, 2) thymus, 3) lung and 4) testis lysate with BCMA antibody at 0.5ug/ml. Expected molecular weight: 20-27 kDa depending on glycosylation level

### **Description**

B-cell maturation antigen (BCMA or BCM), also known as tumor necrosis factor receptor superfamily member 17 (TNFRSF17), is a protein that in humans is encoded by the TNFRSF17 gene. 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.

## **Application Notes**

Optimal dilution of the BCMA antibody should be determined by the researcher.

#### **Immunogen**

A recombinant rat protein corresponding to amino acids M1-T49 was used as the immunogen for the BCMA antibody.

## **Storage**

After reconstitution, the BCMA antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.