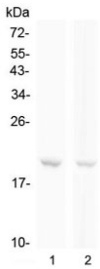
# BCMA Antibody / CD269 / TNFRSF17 (RQ4272)

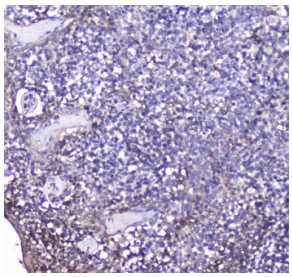
| Catalog No. | Formulation | Size |
|---|---|---|
| RQ4272 | 0.5mg/ml if reconstituted with 0.2ml sterile DI water | 100 ug |

**Bulk quote request**

| | |
|---|---|
| **Availability** | 1-3 business days |
| **Species Reactivity** | Human |
| **Format** | Antigen affinity purified |
| **Host** | Rabbit |
| **Clonality** | Polyclonal (rabbit origin) |
| **Isotype** | Rabbit IgG |
| **Purity** | Antigen affinity purified |
| **Buffer** | Lyophilized from 1X PBS with 2% Trehalose |
| **UniProt** | Q02223 |
| **Localization** | Cell membrane, cytoplasm |
| **Applications** | Western Blot : 0.5-1ug/ml<br>IHC (FFPE) : 1-2ug/ml<br>ELISA (Capture) : 1-5ug/ml |
| **Limitations** | This BCMA antibody is available for research use only. |




Western blot testing of human 1) Raji and 2) Jurkat cell lysate with BCMA antibody at 0.5ug/ml. Expected molecular weight: 20-27 kDa depending on glycosylation level.



IHC testing of FFPE human tonsil tissue with BCMA antibody. HIER: boil tissue sections in pH6, 10mM citrate buffer, for 10-20 min followed by cooling at RT for 20 min.

## 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 human protein corresponding to amino acids M1-A54 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.


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