



# Anti-TNFRSF17 polyclonal antibody [Biotin] (DPABY-372)

This product is for research use only and is not intended for diagnostic use.

## PRODUCT INFORMATION

|                            |  |
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| <b>Antigen Description</b> | B cell maturation protein (BCMA) is a member of the TNF receptor superfamily (TNFRSF17). BCMA is expressed in immune organs and mature Bcell lines. Although some expression has been observed at the cell surface, BCMA appears to be localized to the Golgi compartment. BCMA binding to APRIL or BAFF stimulates IgM production in peripheral blood B cells and increases the survival of cultured B cells. Mature human and mouse BCMA share 86% amino acid sequence identity. |
| <b>Specificity</b>         | Detects human BCMA in ELISAs and Western blots. In sandwich ELISAs, less than 0.1% cross-reactivity with recombinant human (rh) APRIL, rhBAFF, rhTACI, and recombinant mouse BCMA is observed.   |
| <b>Immunogen</b>           | Mouse myeloma cell line NS0-derived recombinant human BCMA/TNFRSF17. Met1-Ala54<br>Accession Number Q6PE46   |
| <b>Isotype</b>             | IgG  |
| <b>Source/Host</b>         | Goat   |
| <b>Species Reactivity</b>  | Human  |
| <b>Purification</b>        | Antigen Affinity-purified  |
| <b>Conjugate</b>           | Biotin   |
| <b>Applications</b>        | Western Blot, Flow Cytometry, ELISA Detection (Matched Pair)   |
| <b>Format</b>              | Liquid   |
| <b>Size</b>                | 50 µg  |
| <b>Buffer</b>              | Lyophilized from a 0.2 µm filtered solution in PBS with BSA as a carrier protein.  |

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| <b>Preservative</b> | None  |
| <b>Storage</b>      | <p>Use a manual defrost freezer and avoid repeated freeze-thaw cycles.</p> <p>12 months from date of receipt, -20 to -70 °C as supplied.</p> <p>1 month, 2 to 8 °C under sterile conditions after reconstitution.</p> <p>6 months, -20 to -70 °C under sterile conditions after reconstitution.</p> |

## GENE INFORMATION

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|----------------------------|--|
| <b>Gene Name</b>           | <a href="#">TNFRSF17 tumor necrosis factor receptor superfamily, member 17 [ Homo sapiens (human) ]</a>  |
| <b>Official Symbol</b>     | TNFRSF17   |
| <b>Synonyms</b>            | <p>TNFRSF17; tumor necrosis factor receptor superfamily, member 17; BCM; BCMA; CD269;</p> <p>TNFRSF13A; tumor necrosis factor receptor superfamily member 17; B-cell maturation factor;</p> <p>B cell maturation antigen; B-cell maturation protein;</p> |
| <b>Entrez Gene ID</b>      | <a href="#">608</a>  |
| <b>Protein Refseq</b>      | <a href="#">NP_001183</a>  |
| <b>UniProt ID</b>          | <a href="#">Q02223</a>   |
| <b>Chromosome Location</b> | 16p13.1  |
| <b>Pathway</b>             | Cytokine-cytokine receptor interaction; Intestinal immune network for IgA production;  |
| <b>Function</b>            | receptor activity; tumor necrosis factor-activated receptor activity;  |