

**TNFSF13B Antibody (N-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP13996a****Specification**

---

**TNFSF13B Antibody (N-term) Blocking peptide - Product Information**Primary Accession [Q9Y275](#)**TNFSF13B Antibody (N-term) Blocking peptide - Additional Information****Gene ID** 10673**Other Names**

Tumor necrosis factor ligand superfamily member 13B, B lymphocyte stimulator, BLyS, B-cell-activating factor, BAFF, Dendritic cell-derived TNF-like molecule, TNF- and APOL-related leukocyte expressed ligand 1, TALL-1, CD257, Tumor necrosis factor ligand superfamily member 13b, membrane form, Tumor necrosis factor ligand superfamily member 13b, soluble form, TNFSF13B, BAFF, BLYS, TALL1, TNFSF20, ZTNF4

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody AP13996a was selected from the N-term region of TNFSF13B. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**TNFSF13B Antibody (N-term) Blocking peptide - Protein Information****Name** TNFSF13B**Synonyms** BAFF, BLYS, TALL1, TNFSF20, ZTNF4**Function**

Cytokine that binds to TNFRSF13B/TACI and TNFRSF17/BCMA. TNFSF13/APRIL binds to the same 2 receptors. Together, they form a 2 ligands -2 receptors pathway involved in the stimulation of B- and T- cell function and the regulation of humoral immunity. A third B-cell specific BAFF-receptor (BAFFR/BR3) promotes the survival of mature B- cells and the B-cell response.

**Cellular Location**

Cell membrane; Single-pass type II membrane protein

**Tissue Location**

Abundantly expressed in peripheral blood Leukocytes and is specifically expressed in monocytes and macrophages. Also found in the spleen, lymph node, bone marrow, T-cells and dendritic cells. A lower expression seen in placenta, heart, lung, fetal liver, thymus, and pancreas. Isoform 2 is expressed in many myeloid cell lines

**TNFSF13B Antibody (N-term) Blocking peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

**TNFSF13B Antibody (N-term) Blocking peptide - Images****TNFSF13B Antibody (N-term) Blocking peptide - Background**

The protein encoded by this gene is a cytokine that belongs to the tumor necrosis factor (TNF) ligand family. This cytokine is a ligand for receptors TNFRSF13B/TACI, TNFRSF17/BCMA, and TNFRSF13C/BAFFR. This cytokine is expressed in B cell lineage cells, and acts as a potent B cell activator. It has been also shown to play an important role in the proliferation and differentiation of B cells.

**TNFSF13B Antibody (N-term) Blocking peptide - References**

Zhang, W., et al. Proc. Natl. Acad. Sci. U.S.A. 107(44):18956-18960(2010) Molica, S., et al. Eur. J. Haematol. 85(4):314-320(2010) Liu, J.Q., et al. Zhongguo Shi Yan Xue Ye Xue Za Zhi 18(3):690-693(2010) Onda, K., et al. Int. J. Hematol. 91(5):808-819(2010) Hayashi, E.A., et al. J. Immunol. 184(9):4662-4672(2010)