

**TNFSF13B Antibody (N-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP13996a****Specification**

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**TNFSF13B Antibody (N-term) - Product Information**

Application	WB, IHC-P,E
Primary Accession	<a href="#">O9Y275</a>
Other Accession	<a href="#">NP_006564.1</a> , <a href="#">NP_001139117.1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	31223
Antigen Region	16-44

**TNFSF13B Antibody (N-term) - 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**

This TNFSF13B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 16-44 amino acids from the N-terminal region of human TNFSF13B.

**Dilution**

WB~~1:1000

IHC-P~~1:10~50

E~~Use at an assay dependent concentration.

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

TNFSF13B Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**TNFSF13B Antibody (N-term) - 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

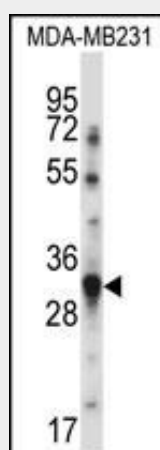
**Tissue Location**

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

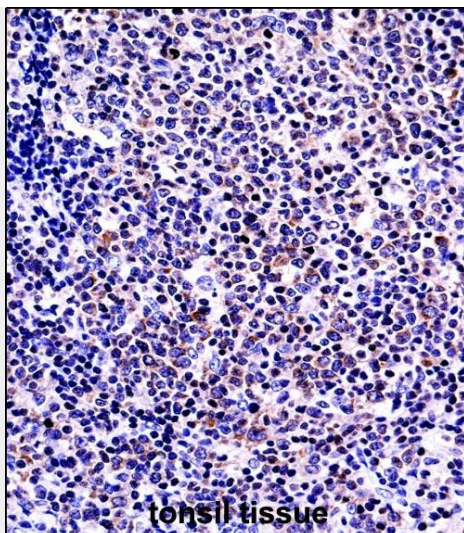
**TNFSF13B Antibody (N-term) - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**TNFSF13B Antibody (N-term) - Images**

TNFSF13B Antibody (N-term) (Cat. #AP13996a) western blot analysis in MDA-MB231 cell line lysates (35ug/lane). This demonstrates the TNFSF13B antibody detected the TNFSF13B protein (arrow).



TNFSF13B Antibody (N-term) (AP13996a) immunohistochemistry analysis in formalin fixed and paraffin embedded human tonsil tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of TNFSF13B Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.

#### **TNFSF13B Antibody (N-term) - 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) - 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)