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TNFRSF13B Antibody (N-term) Blocking Peptide

Synthetic peptide
Catalog # BP8557a

Specification

TNFRSF13B Antibody (N-term) Blocking Peptide - Product Information

Primary Accession O14836

TNFRSF13B Antibody (N-term) Blocking Peptide - Additional Information

Gene ID 23495

Other Names
Tumor necrosis factor receptor superfamily member 13B, Transmembrane activator and CAML interactor, CD267, TNFRSF13B, TACI

Target/Specificity
The synthetic peptide sequence used to generate the antibody AP8557a was selected from the N-term region of human TNFRSF13B. 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.

TNFRSF13B Antibody (N-term) Blocking Peptide - Protein Information

Name TNFRSF13B

Synonyms TACI

Function
Receptor for TNFSF13/APRIL and TNFSF13B/TALL1/BAFF/BLYS that binds both ligands with similar high affinity. Mediates calcineurin- dependent activation of NF-AT, as well as activation of NF-kappa-B and AP-1. Involved in the stimulation of B- and T-cell function and the regulation of humoral immunity.

Cellular Location
Membrane; Single-pass type III membrane protein.

Tissue Location

Highly expressed in spleen, thymus, small intestine and peripheral blood leukocytes. Expressed in resting B-cells and activated T-cells, but not in resting T-cells

TNFRSF13B Antibody (N-term) Blocking Peptide - Protocols

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

- Blocking Peptides

TNFRSF13B Antibody (N-term) Blocking Peptide - Images

TNFRSF13B Antibody (N-term) Blocking Peptide - Background

TNFRSF13B is a lymphocyte-specific member of the tumor necrosis factor (TNF) receptor superfamily. It interacts with calcium-modulator and cyclophilin ligand (CAML). The protein induces activation of the transcription factors NFAT, AP1,and NF-kappa-B and plays a crucial role in humoral immunity by interacting with a TNF ligand.

TNFRSF13B Antibody (N-term) Blocking Peptide - References

Waldrep,M.L., et.al., BMC Med. Genet. 10, 100 (2009)Lee,J.J., Rauter,I., et.al., Blood 114 (11), 2254-2262 (2009)