

Anti-TNFSF13/APRIL Antibody
Catalog # ABO12210**Specification**

Anti-TNFSF13/APRIL Antibody - Product Information

Application	WB
Primary Accession	O75888
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Format	Lyophilized

Description

Rabbit IgG polyclonal antibody for Tumor necrosis factor ligand superfamily member 13 (TNFSF13) detection. Tested with WB, ELISA in Human.

Reconstitution

Add 0.2ml of distilled water will yield a concentration of 500ug/ml.

Anti-TNFSF13/APRIL Antibody - Additional Information

Gene ID 8741

Other Names

Tumor necrosis factor ligand superfamily member 13, A proliferation-inducing ligand, APRIL, TNF- and APOL-related leukocyte expressed ligand 2, TALL-2, TNF-related death ligand 1, TRDL-1, CD256, TNFSF13, APRIL, TALL2, ZTNF2

Calculated MW

27433 MW KDa

Application Details

Western blot, 0.1-0.5 µg/ml, Human, -
ELISA , 0.1-0.5 µg/ml, Human

Subcellular Localization

Secreted .

Tissue Specificity

Expressed at high levels in transformed cell lines, cancers of colon, thyroid, lymphoid tissues and specifically expressed in monocytes and macrophages.

Protein Name

Tumor necrosis factor ligand superfamily member 13

Contents

Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na₂HPO₄, 0.05mg NaN₃.

Immunogen

A synthetic peptide corresponding to a sequence in the middle region of human APRIL (122-151aa PINATSKDDSDVTEVMWQPALRRGRGLQAQ), different from the related mouse sequence by five

amino acids.

Purification

Immunogen affinity purified.

Cross Reactivity

No cross reactivity with other proteins

Storage

At -20°C for one year. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for a longer time. Avoid repeated freezing and thawing.

Anti-TNFSF13/APRIL Antibody - Protein Information

Name TNFSF13

Synonyms APRIL, TALL2, ZTNF2

Function

Cytokine that binds to TNFRSF13B/TACI and to TNFRSF17/BCMA. Plays a role in the regulation of tumor cell growth. May be involved in monocyte/macrophage-mediated immunological processes.

Cellular Location

Secreted.

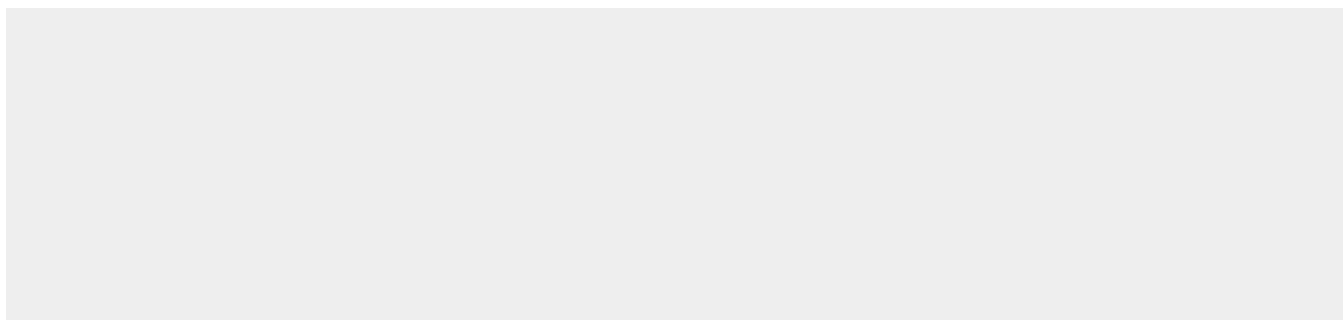
Tissue Location

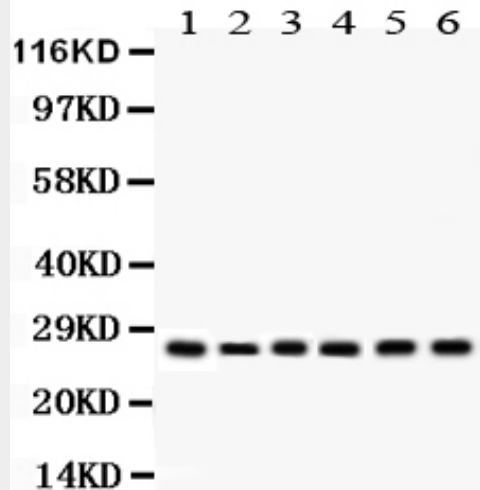
Expressed at high levels in transformed cell lines, cancers of colon, thyroid, lymphoid tissues and specifically expressed in monocytes and macrophages

Anti-TNFSF13/APRIL Antibody - 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](#)

Anti-TNFSF13/APRIL Antibody - Images



Anti-APRIL Picoband antibody, ABO12210, Western blotting All lanes: Anti APRIL (ABO12210) at 0.5ug/ml
Lane 1: HELA Whole Cell Lysate at 40ug
Lane 2: COLO320 Whole Cell Lysate at 40ug
Lane 3: SW620 Whole Cell Lysate at 40ug
Lane 4: JURKAT Whole Cell Lysate at 40ug
Lane 5: RAJI Whole Cell Lysate at 40ug
Lane 6: U937 Whole Cell Lysate at 40ug
Predicted bind size: 27KD
Observed bind size: 27KD

Anti-TNFSF13/APRIL Antibody - Background

A proliferation-inducing ligand (APRIL), also known as tumor necrosis factor ligand superfamily member 13 (TNFSF13), is a protein of the TNF superfamily recognized by the cell surface receptor TACI. The protein encoded by this gene is a member of the tumor necrosis factor (TNF) ligand family. And this protein is a ligand for TNFRSF17/BCMA, a member of the TNF receptor family. This protein and its receptor are both found to be important for B cell development. In vitro experiments suggested that this protein may be able to induce apoptosis through its interaction with other TNF receptor family proteins such as TNFRSF6/FAS and TNFRSF14/HVEM. Alternative splicing results in multiple transcript variants. Some transcripts that skip the last exon of the upstream gene (TNFSF12) and continue into the second exon of this gene have been identified; such read-through transcripts are contained in GeneID 407977, TNFSF12-TNFSF13.