

APRIL Antibody
Catalog # ASC10135

Specification

APRIL Antibody - Product Information

Application	WB, IHC
Primary Accession	O75888
Other Accession	NP_003799 , 4507599
Reactivity	Human, Mouse
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Calculated MW	Predicted: 27 kDa

Application Notes	Observed: 27 kDa KDa APRIL antibody can be used for detection of APRIL by Western blot at 1 - 4 µg/mL. Antibody can also be used for immunohistochemistry starting at 10 µg/mL.
-------------------	---

APRIL Antibody - Additional Information

Gene ID	8741
---------	------

Other Names

APRIL Antibody: APRIL, CD256, TALL2, ZTNF2, TALL-2, TRDL-1, UNQ383/PRO715, APRIL, Tumor necrosis factor ligand superfamily member 13, A proliferation-inducing ligand, tumor necrosis factor (ligand) superfamily, member 13

Target/Specificity

TNFSF13;

Reconstitution & Storage

APRIL antibody can be stored at 4°C for three months and -20°C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

Precautions

APRIL Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

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

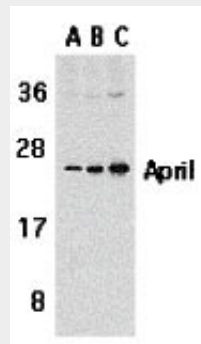
Expressed at high levels in transformed cell lines, cancers of colon, thyroid, lymphoid tissues and specifically expressed in monocytes and macrophages

APRIL Antibody - Protocols

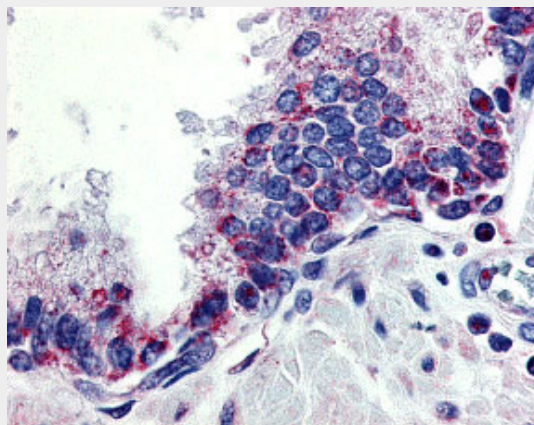
Provided below are standard protocols that you may find useful for product applications.

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

APRIL Antibody - Images



Western blot analysis of APRIL expression in Jurkat cells with APRIL antibody at 1 µg/mL (A), 2 µg/mL (B), and 4 µg/mL (C).



Immunohistochemistry of APRIL in human prostate tissue with APRIL antibody at 10 µg/mL.

APRIL Antibody - Background

APRIL Antibody: Members in the TNF superfamily regulate immune responses and induce apoptosis. A novel member in the TNF family was recently identified by several groups and designated APRIL (for a proliferation-inducing ligand), TALL-2 (for TNF- and ApoL-related Leukocyte-expressed Ligand 2), and TRDL-1 α (for TNF related death ligand 1 α) in human and mouse. Two receptors for APRIL were recently identified and designated TACI and BCMA. APRIL stimulates B and T cell proliferation, triggers humoral immune responses, activates NF- κ B, and induces cell death. APRIL and its close relative of BlyS and their receptors BCMA and TACI are involved in diseases of autoimmunity and cancer.

APRIL Antibody - References

- Hahne M, Kataoka T, Schroter M, et al. APRIL, a new ligand of the tumor necrosis factor family, stimulates tumor cell growth. *J. Exp. Med.* 1998; 188:1185-90.
- Shu HB, Hu WH, Johnson H. TALL-1 is a novel member of the TNF family that is down-regulated by mitogens. *J. Leukoc. Biol.* 1999; 65:680-3.
- Kelly K, Manos E, Jensen G, et al. APRIL/TRDL-1, a tumor necrosis factor-like ligand, stimulates cell death. *Cancer Res.* 2000; 60:1021-7.
- Yu G, Boone T, Delaney J, et al. APRIL and TALL-1 and receptors BCMA and TACI: system for regulating humoral immunity. *Nat. Immunol.* 2000; 1:252-6.