

## APRIL Antibody

Catalog No: #24136

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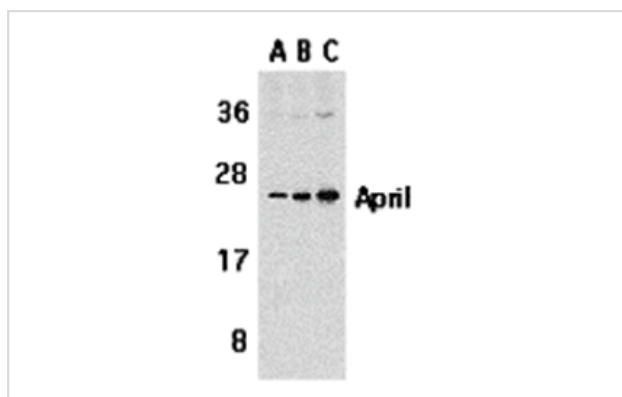
## Description

Product Name	APRIL Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Affinity chromatography purified via peptide column
Applications	ELISA WB IHC
Species Reactivity	Hu Ms
Immunogen Type	Peptide
Immunogen Description	Raised against a synthetic peptide corresponding to amino acids within a extracellular domain of human APRIL.
Target Name	APRIL
Accession No.	NP_003799
Concentration	1mg/ml
Formulation	Supplied in PBS containing 0.02% sodium azide.
Storage	Can be stored at -20°C, stable for 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.

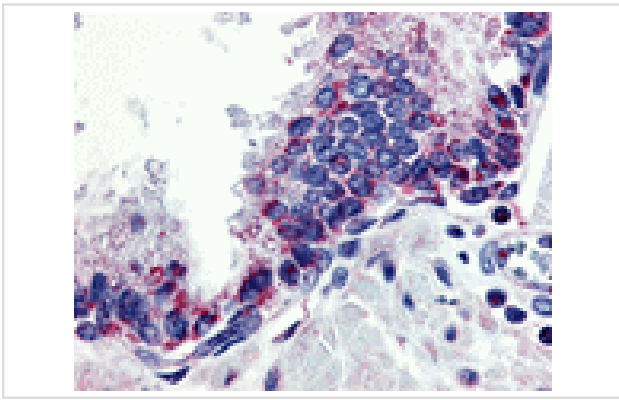
## Application Details

Predicted MW: 27 kd

## Images



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



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

## Background

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 $\alpha$  (for TNF related death ligand 1 $\alpha$ ) 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- $\kappa$ 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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.