

For Research Use Only

# APRIL, TNFSF13 Polyclonal antibody

Catalog Number: 10680-1-AP

Featured Product

3 Publications



## Basic Information

### Catalog Number:

10680-1-AP

### Size:

150ul, Concentration: 450 ug/ml by Nanodrop;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG1056

### GenBank Accession Number:

BC008042

### GeneID (NCBI):

8741

### UNIPROT ID:

O75888

### Full Name:

tumor necrosis factor (ligand) superfamily, member 13

### Calculated MW:

27 kDa

### Observed MW:

25-30 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

## Applications

### Tested Applications:

WB, IHC, ELISA

### Cited Applications:

WB, IHC

### Species Specificity:

human

### Cited Species:

human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

### Positive Controls:

WB: Jurkat cells, Raji cells, K-562 cells

IHC: human intrahepatic cholangiocarcinoma tissue,

## Background Information

TNFSF13 gene encodes tumor necrosis factor ligand superfamily member 13 (or APRIL) belonging to the tumor necrosis factor (TNF) family. APRIL is highly expressed in transformed cell lines, cancers of colon, thyroid, lymphoid tissues and specifically expressed in monocytes and macrophages, and its precursor is cleaved by furin. APRIL may be implicated in the regulation of tumor cell growth and also monocyte/macrophage-mediated immunological processes.

## Notable Publications

Author	Pubmed ID	Journal	Application
Rui Chen	34712225	Front Immunol	IHC
Ding Weifeng W	19466596	Pathol Oncol Res	WB
Ding Weifeng W	19573525	Clin Biochem	WB

## Storage

### Storage:

Store at -20°C. Stable for one year after shipment.

### Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

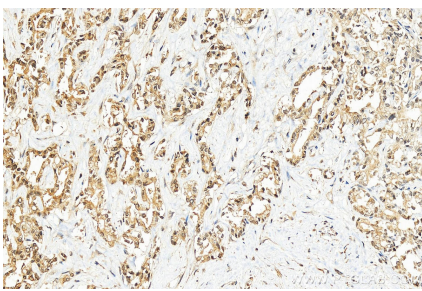
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



Jurkat cells were subjected to SDS PAGE followed by western blot with 10680-1-AP (TNFSF13 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 10680-1-AP (TNFSF13 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).