

For Research Use Only

# BAFF/TNFSF13B Polyclonal antibody

Catalog Number: 11862-1-AP

1 Publications



## Basic Information

### Catalog Number:

11862-1-AP

### Size:

150ul, Concentration: 600 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;

### Source:

Rabbit

### Isotype:

IgG

### Immunogen Catalog Number:

AG2440

### GenBank Accession Number:

BC020674

### GeneID (NCBI):

10673

### UNIPROT ID:

Q9Y275

### Full Name:

tumor necrosis factor (ligand) superfamily, member 13b

### Calculated MW:

32 kDa

### Observed MW:

32 kDa, 45-52 kDa

### Purification Method:

Antigen affinity purification

### Recommended Dilutions:

WB 1:500-1:2000

IHC 1:200-1:800

## Applications

### Tested Applications:

WB, IHC, ELISA

### Species Specificity:

human, mouse, rat

**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:** U-937 cells, mouse testis tissue, mouse liver tissue, human liver tissue, rat liver tissue

**IHC:** human intrahepatic cholangiocarcinoma tissue,

## Background Information

TNFSF13B, also known as BAFF, BLYS, TALL1, TNFSF20, ZTNF4 and CD257, is a cytokine that binds to TNFRSF13B/TACI and TNFRSF17/BCMA. This cytokine is expressed in B lineage cells, and acts as a potent B cell activator. The BAFF system promotes B cell survival and differentiation and plays a prominent role in the pathogenesis of autoimmune diseases. It has been shown that BAFF inhibitors are in clinical trials for systemic lupus erythematosus with significant efficacy. This antibody recognizes all the forms of TNFSF13B such as soluble form (17 kDa), membrane form (32-35 kDa) and glycosylation form (45-52 kDa).

## Notable Publications

Author	Pubmed ID	Journal	Application
Mika Takai	39428323	Cancer Sci	

## 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

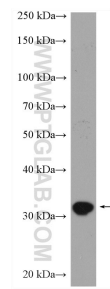
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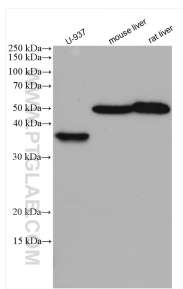
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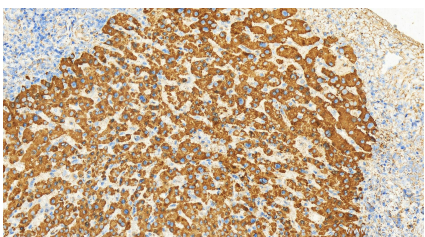
## Selected Validation Data



U-937 cells were subjected to SDS PAGE followed by western blot with 11862-1-AP (TNFSF13B antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Various lysates were subjected to SDS PAGE followed by western blot with 11862-1-AP (TNFSF13B antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 11862-1-AP (TNFSF13B/BAFF antibody) at dilution of 1:400 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).