

BAFF/TNFSF13B Polyclonal antibody

Catalog Number: 11862-1-AP

Basic Information

Catalog Number: 11862-1-AP	GenBank Accession Number: BC020674	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 600 ug/ml by Nanodrop and 300 ug/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10673	Recommended Dilutions: WB: 1:500-1:2000 IHC: 1:200-1:800
Source: Rabbit	UNIPROT ID: Q9Y275	
Isotype: IgG	Full Name: tumor necrosis factor (ligand) superfamily, member 13b	
Immunogen Catalog Number: AG2440	Calculated MW: 32 kDa	
	Observed MW: 32 kDa, 45-52 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB: U-937 cells, mouse testis tissue, mouse liver tissue, human liver tissue, rat liver tissue
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	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).

Storage

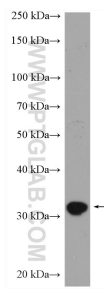
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol, pH7.3
Aliquoting is unnecessary for -20°C storage

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

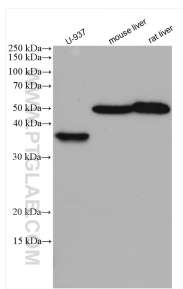
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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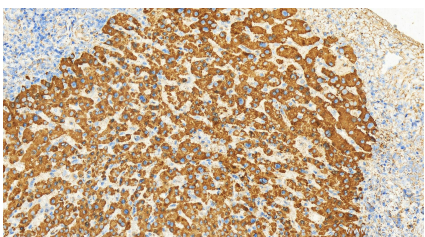
Selected Validation Data



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).