

For Research Use Only

CD5L Polyclonal antibody

Catalog Number: 17224-1-AP



Basic Information

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|--|--|---|
| Catalog Number: 17224-1-AP | GenBank Accession Number: BC033586 | Purification Method: Antigen affinity purification |
| Size: 150ul , Concentration: 130 ug/ml by Nanodrop and 133 ug/ml by Bradford method using BSA as the standard; | GeneID (NCBI): 922 | Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500 IF/ICC 1:50-1:500 |
| Source: Rabbit | UNIPROT ID: O43866 | |
| Isotype: IgG | Full Name: CD5 molecule-like | |
| Immunogen Catalog Number: AG11062 | Calculated MW: 347 aa, 38 kDa | |
| | Observed MW: 40 kDa | |

Applications

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|---|--|
| Tested Applications: WB, IHC, IF/ICC, ELISA | Positive Controls: |
| Species Specificity: human | WB : human plasma, |
| 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, |
| | IF/ICC : HepG2 cells, |

Background Information

CD5 molecule-like (CD5L), also known as apoptosis inhibitor expressed by macrophages (AIM), SP-alpha, apoptosis inhibitor 6 (API6), is a member of the scavenger receptor cysteine-rich (SRCR) family of proteins (PMID: 9045627; 9892623). CD5L is a soluble protein mainly secreted mostly by macrophages in lymphoid and inflamed tissues (PMID: 15009805). It contains three SRCR domains, each approximately 100 amino acids in length with sialic acid content at a potential region of O-linked glycosylation between SRCR domains 1 and 2. CD5L is involved in different processes such as metabolism, infection and autophagy (PMID: 33920819).

Storage

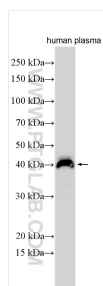
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

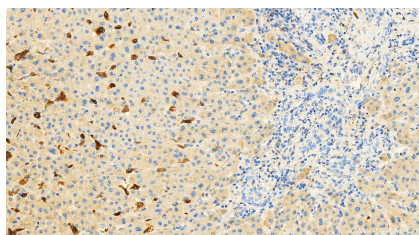
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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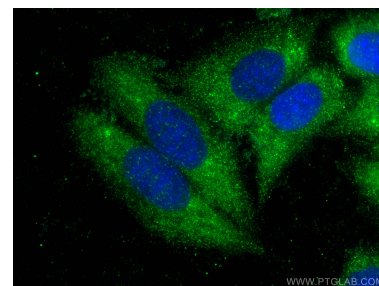
Selected Validation Data



human plasma was subjected to SDS PAGE followed by western blot with 17224-1-AP (CD5L 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 17224-1-AP (CD5L antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using CD5L antibody (17224-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).