

For Research Use Only

Mouse CD302 Recombinant antibody, PBS Only

Catalog Number: 85813-5-PBS



Basic Information

Catalog Number: 85813-5-PBS	GenBank Accession Number: NM_025422.4	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 66205	CloneNo.: 242893D7
Source: Rabbit	UNIPROT ID: Q9DCG2-2	
Isotype: IgG	Full Name: CD302 antigen	
Immunogen Catalog Number: EG2660	Calculated MW: 24 kDa	
	Observed MW: 32 kDa	

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
mouse, rat

Background Information

CD302 is a C-type lectin receptor involved in cell adhesion and migration, as well as endocytosis and phagocytosis. In mice and humans, CD302 is primarily expressed in the liver, lungs, lymph nodes (LNs), spleen, and bone marrow. In CD302 gene knockout (CD302KO) mice, the migration frequency and number of myeloid dendritic cells (mDC) in CD302KO lymph nodes were reduced compared to the wild type, confirming the functional role of CD302 in mDC migration.

Storage

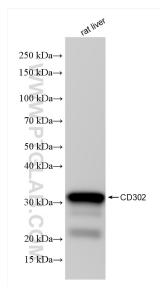
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

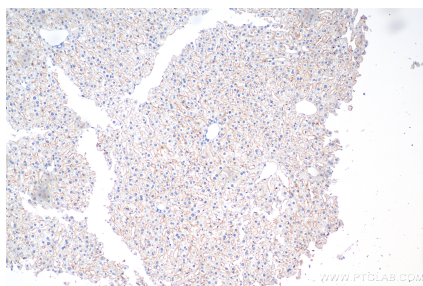
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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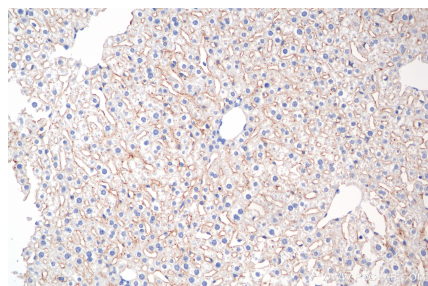
Selected Validation Data



Rat liver tissue was subjected to SDS PAGE, followed by western blot with 85813-5-RR (Cd302 antibody) at a dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85813-5-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 85813-5-RR (CD302 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 85813-5-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 85813-5-RR (CD302 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 85813-5-PBS in a different storage buffer formulation.