

CD302 Recombinant antibody

Catalog Number: 85813-5-RR

Basic Information

Catalog Number: 85813-5-RR	GenBank Accession Number: NM_025422.4	Purification Method: Protein A purification
Concentration: 1000 µg/ml	GeneID (NCBI): 66205	CloneNo.: 242893D7
Source: Rabbit	UNIPROT ID: Q9DCG2-2	Recommended Dilutions: WB: 1:500-1:2000 IHC: 1:50-1:500
Isotype: IgG	Full Name: CD302 antigen	
Immunogen Catalog Number: EG2660	Calculated MW: 24 kDa Observed MW: 32 kDa	

Applications

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

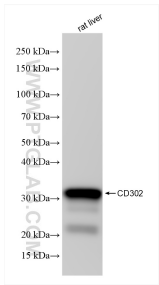
Background Information

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.

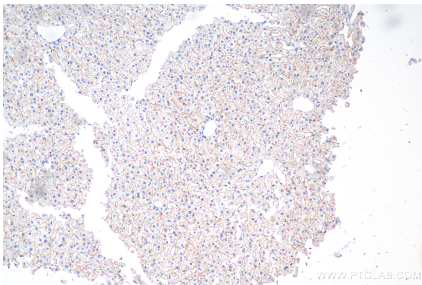
Storage

Storage:
Store at -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

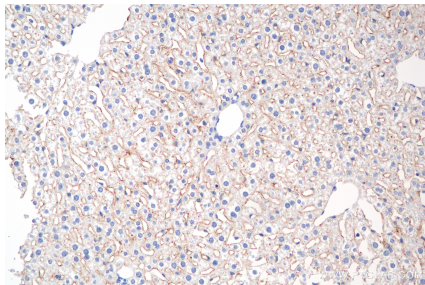
Selected Validation Data



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.



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).



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).