

CLEC4G Polyclonal antibody

Catalog Number: 18173-1-AP

Basic Information

Catalog Number: 18173-1-AP	GenBank Accession Number: BC093691	Purification Method: Antigen affinity purification
Size: 150ul, Concentration: 350 µg/ml by Nanodrop and 313 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 339390	Recommended Dilutions: IHC 1:500-1:2000 IF 1:50-1:500
Source: Rabbit	Full Name: C-type lectin domain family 4, member G	
Isotype: IgG	Calculated MW: 293 aa, 33 kDa	
Immunogen Catalog Number: AG12837	Observed MW: 40 kDa	

Applications

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

Background Information

CLEC4G, also known as LSECtin, is a member of the C-type lectin family of glycan-binding receptors that is expressed on sinusoidal endothelial cells in liver and lymph nodes. CLEC4G is a type II transmembrane protein of 40 kDa in size with a single C-type lectin-like domain at the COOH terminus, closest in homology to DC-SIGNR, DC-SIGN, and CD23. CLEC4G has been reported as a receptor for Japanese encephalitis virus (PubMed:24623090), ebolavirus (PubMed:16051304), SARS coronavirus/SARS-CoV (PubMed:16051304), lassa virus and Lymphocytic choriomeningitis virus glycoprotein (PubMed:22156524, PubMed:22673088).

Storage

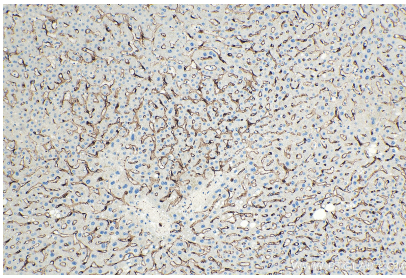
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

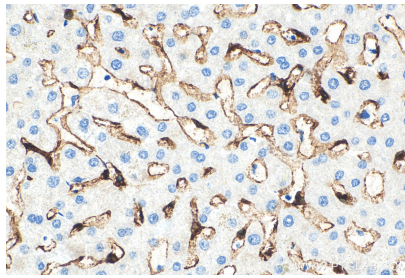
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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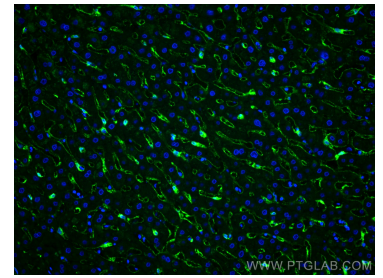
Selected Validation Data



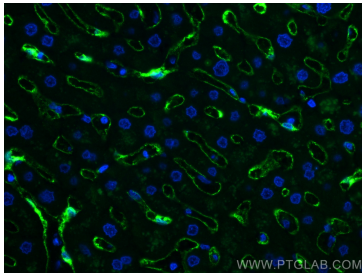
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 18173-1-AP (CLEC4G antibody) at dilution of 1:1000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 18173-1-AP (CLEC4G antibody) at dilution of 1:1000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed human liver tissue using CLEC4G antibody (18173-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



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