

For Research Use Only

MASP2 Polyclonal antibody, PBS Only

Catalog Number: 55252-1-PBS



Basic Information

Catalog Number:

55252-1-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_006610

GeneID (NCBI):

10747

UNIPROT ID:

O00187

Full Name:

mannan-binding lectin serine peptidase 2

Calculated MW:

76 kDa

Observed MW:

68 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human, mouse

Background Information

Mannan-binding lectin serine protease 2 (MASP2) is a serum protease that plays an important role in the activation of the complement system via mannose-binding lectin. MASP2 contains a 15-amino acid signal peptide, the 3 amino acids essential for the active center of a serine protease, and calcium-binding residues in the epidermal growth factor like domain.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

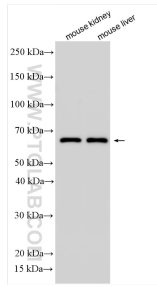
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

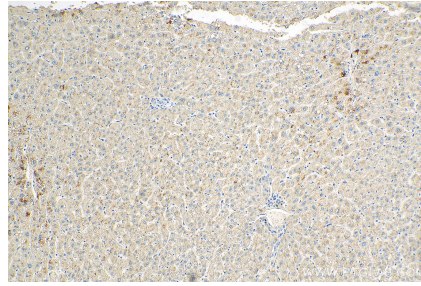
E: proteintech@ptglab.com
W: ptglab.com

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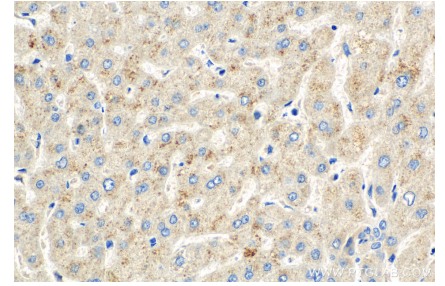
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 55252-1-AP (MASP2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 55252-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 55252-1-AP (MASP2 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 55252-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 55252-1-AP (MASP2 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 55252-1-PBS in a different storage buffer formulation.