

For Research Use Only

Serum amyloid P component Monoclonal antibody, PBS Only

Catalog Number: 66084-1-PBS



Basic Information

Catalog Number:

66084-1-PBS

Size:

1000 μ g/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG14957

GenBank Accession Number:

BC007058

GeneID (NCBI):

325

UNIPROT ID:

P02743

Full Name:

amyloid P component, serum

Calculated MW:

223 aa, 25 kDa

Observed MW:

27 kDa

Purification Method:

Protein A purification

CloneNo.:

1A1D10

Applications

Tested Applications:

WB, IHC, IF-P, Indirect ELISA

Species Specificity:

human, mouse

Background Information

Serum amyloid P component (SAP), a member of pentraxin family, is a constitutive serum protein that is synthesized by hepatocytes. It is an acute phase protein, structurally related to C-reactive protein. SAP is a calcium-dependent ligand binding protein, which can interact with DNA and histones and may scavenge nuclear material released from damaged circulating cells.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

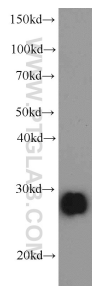
T: 4006900926

E: Proteintech-CN@ptglab.com

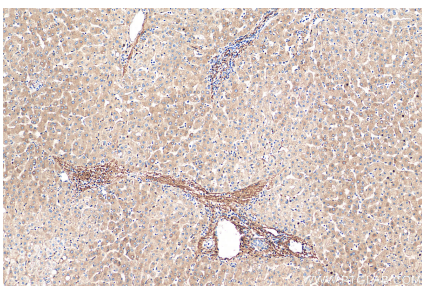
W: ptgcn.com

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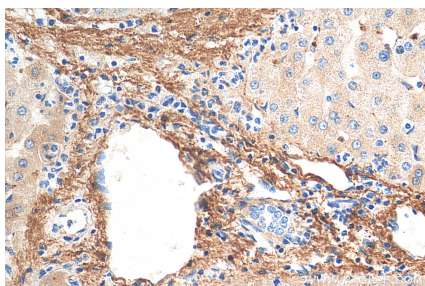
Selected Validation Data



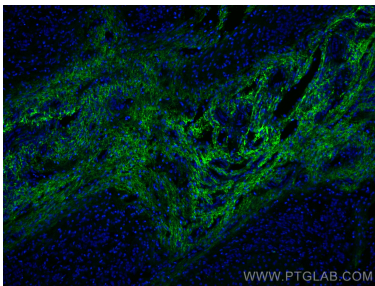
human kidney tissue were subjected to SDS PAGE followed by western blot with 66084-1-Ig (Serum amyloid P component antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66084-1-PBS in a different storage buffer formulation.



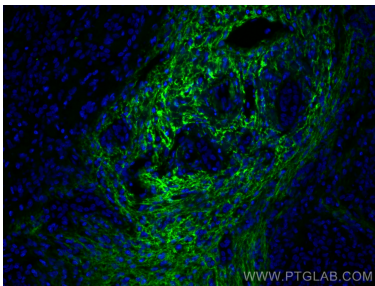
Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 66084-1-Ig (Serum amyloid P component antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66084-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 66084-1-Ig (Serum amyloid P component 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 66084-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed human liver cancer tissue using Serum amyloid P component antibody (66084-1-Ig, Clone: 1A1D10) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66084-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed human liver cancer tissue using Serum amyloid P component antibody (66084-1-Ig, Clone: 1A1D10) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66084-1-PBS in a different storage buffer formulation.