

For Research Use Only

C4 Gamma Chain Monoclonal antibody, PBS Only



Catalog Number: 66242-1-PBS

Basic Information

Catalog Number:

66242-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG10449

GenBank Accession Number:

BC012372

GeneID (NCBI):

720

UNIPROT ID:

P0COL4

Full Name:

complement component 4A (Rodgers

blood group)

Calculated MW:

1744 aa, 193 kDa

Observed MW:

31 kDa

Purification Method:

Protein A purification

CloneNo.:

2G6A7

Applications

Tested Applications:

WB, Indirect ELISA, IHC, IF

Species Specificity:

human

Background Information

Complement C4, a component of the classical complement pathway, has an important role in innate immune function. C4 protein is expressed as a single chain precursor which is proteolytically cleaved into a trimer of alpha, beta, and gamma chains (molecular weights 95, 78, and 31 kDa) prior to secretion. The alpha chain is cleaved to release C4 anaphylatoxin, an antimicrobial peptide and a mediator of local inflammation. This antibody raised against 1543-1744aa of human C4-A protein recognizes C4 gamma chain.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

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

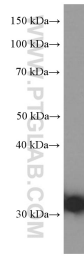
T: 4006900926

E: Proteintech-CN@ptglab.com

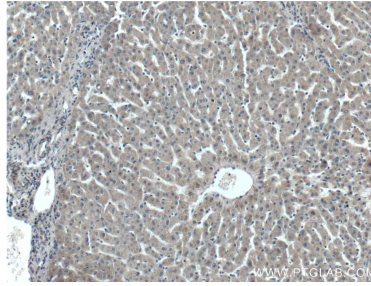
W: ptgcn.com

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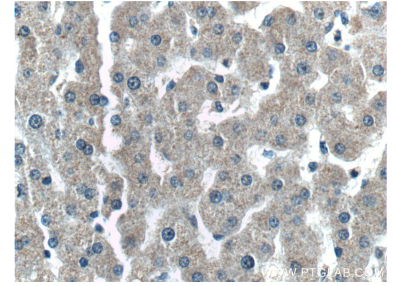
Selected Validation Data



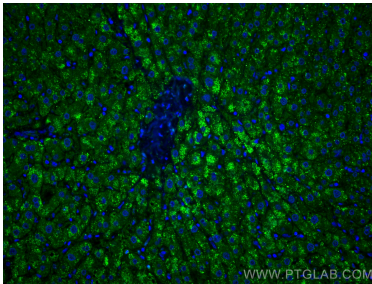
human plasma were subjected to SDS PAGE followed by western blot with 66242-1-Ig (C4 gamma chain antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66242-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 66242-1-Ig (C4 gamma chain antibody) at dilution of 1:800 (under 10x lens). This data was developed using the same antibody clone with 66242-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 66242-1-Ig (C4 gamma chain antibody) at dilution of 1:800 (under 40x lens). This data was developed using the same antibody clone with 66242-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed human liver tissue using C4 Gamma Chain antibody (66242-1-Ig, Clone: 2G6A7) 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 66242-1-PBS in a different storage buffer formulation.