

For Research Use Only

Complement factor B Monoclonal antibody, PBS Only



Catalog Number: 66154-1-PBS

Basic Information

Catalog Number:

66154-1-PBS

Size:

1 mg/ml

Source:

Mouse

Isotype:

IgM

Immunogen Catalog Number:

AG19107

GenBank Accession Number:

BC007990

GeneID (NCBI):

629

UNIPROT ID:

P00751

Full Name:

complement factor B

Calculated MW:

86 kDa

Observed MW:

93 kDa

Purification Method:

Thiophilic affinity chromatograph

CloneNo.:

8D2B6

Applications

Tested Applications:

WB, Indirect ELISA, IHC, IF

Species Specificity:

human

Background Information

Complement factor B (CFB) is a component of the alternative pathway of complement activation. Complement factor B is cleaved into Ba and Bb by factor D in the presence of C3b. The active subunit Bb is a serine protease which associates with C3b to form the alternative pathway C3 convertase. Bb is involved in the proliferation of preactivated B lymphocytes, while Ba inhibits their proliferation.

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:

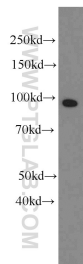
T: 4006900926

E: Proteintech-CN@ptglab.com

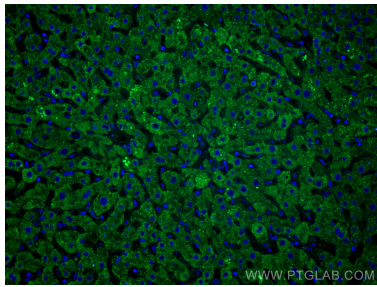
W: ptgcn.com

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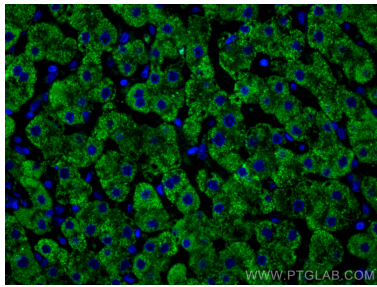
Selected Validation Data



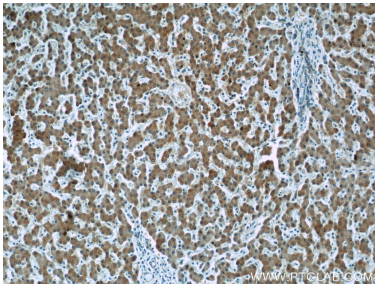
human blood were subjected to SDS PAGE followed by western blot with 66154-1-Ig (Complement factor B antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66154-1-PBS in a different storage buffer formulation.



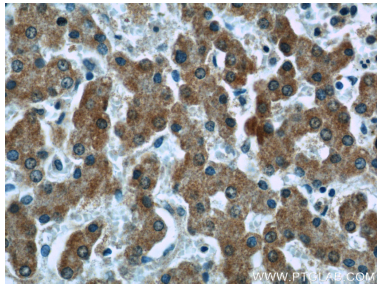
Immunofluorescent analysis of (4% PFA) fixed human liver tissue using Complement factor B antibody (66154-1-Ig, Clone: 8D2B6) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66154-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed human liver tissue using Complement factor B antibody (66154-1-Ig, Clone: 8D2B6) 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 66154-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 66154-1-Ig (Complement factor B antibody at dilution of 1:50 (under 10x lens). This data was developed using the same antibody clone with 66154-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human liver tissue slide using 66154-1-Ig (Complement factor B antibody at dilution of 1:50 (under 40x lens). This data was developed using the same antibody clone with 66154-1-PBS in a different storage buffer formulation.