

Complement factor B Monoclonal antibody

Catalog Number: **66154-1-Ig**

Basic Information

Catalog Number: 66154-1-Ig	GenBank Accession Number: BC007990	Purification Method: Thiophilic affinity chromatograph
Size: 600 µg/ml	GeneID (NCBI): 629	CloneNo.: 8D2B6
Source: Mouse	UNIPROT ID: P00751	Recommended Dilutions: WB 1:500-1:2000 IHC 1:20-1:200 IF-P 1:200-1:800
Isotype: IgM	Full Name: complement factor B	
Immunogen Catalog Number: AG19107	Calculated MW: 86 kDa Observed MW: 93 kDa	

Applications

Tested Applications:

IF-P, IHC, WB, ELISA

Species Specificity:

human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : human blood tissue,

IHC : human liver tissue,

IF-P : human liver tissue,

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 -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

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

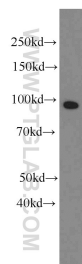
T: 4006900926

E: Proteintech-CN@ptglab.com

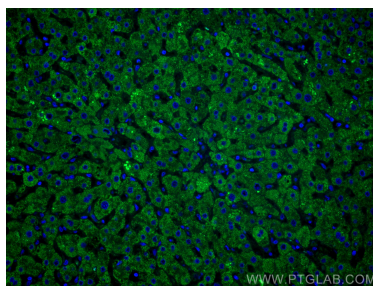
W: ptgcn.com

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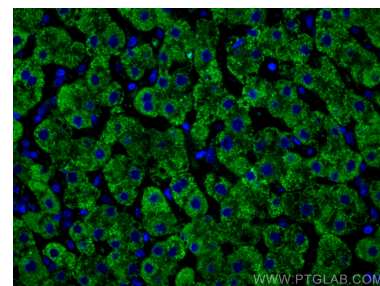
Selected Validation Data



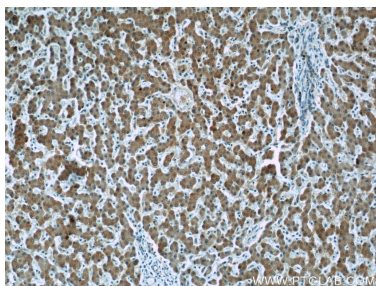
human blood were subjected to SDS PAGE followed by western blot with 66154-1-Ig (Complement factor B antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



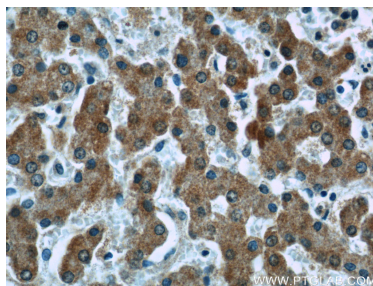
Immunofluorescent analysis of (4% PFA) fixed human liver tissue using Complement factor B antibody (66154-1-Ig, Clone: 8D2B6) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



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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).



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).