

For Research Use Only

# CoraLite®594-conjugated Complement factor B Monoclonal antibody

Catalog Number:CL594-66154



## Basic Information

### Catalog Number:

CL594-66154

### Size:

100ul , Concentration: 1000 ug/ml by Nanodrop;

### 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

### Recommended Dilutions:

IF-P 1:50-1:500

### Excitation/Emission maxima wavelengths:

588 nm / 604 nm

## Applications

### Tested Applications:

IF-P

### Species Specificity:

human

### Positive Controls:

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. Avoid exposure to light. Stable for one year after shipment.

### Storage Buffer:

PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

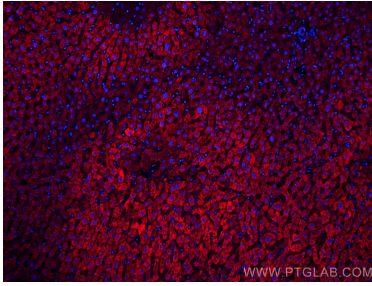
For technical support and original validation data for this product please contact:

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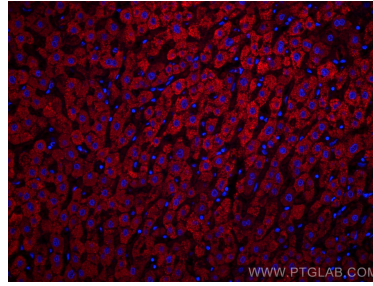
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
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## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human liver tissue using Coralite®594 Complement factor B antibody (CL594-66154, Clone: 8D2B6 ) at dilution of 1:200.



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