

CoraLite® Plus 488-conjugated Complement factor B Monoclonal antibody

Catalog Number: CL488-66154

Basic Information

Catalog Number:

CL488-66154

Size:

1000 µg/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

Recommended Dilutions:

IF-P 1:50-1:500

**Excitation/Emission maxima
wavelengths:**

493 nm / 522 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:

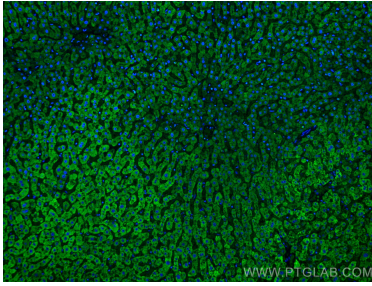
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

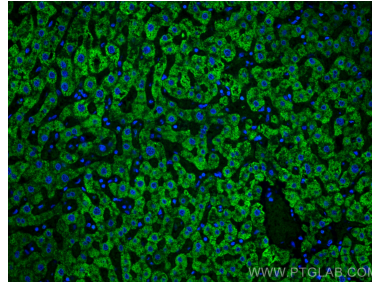
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human liver tissue using Coralite® Plus 488 Complement factor B antibody (CL488-66154, Clone: 8D2B6) at dilution of 1:200.



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