

Complement factor B Rabbit mAb

Catalog # AP78499

Product Information

Application WB
Primary Accession P00751
Reactivity Human
Host Rabbit

Clonality Monoclonal Antibody

Isotype IgG

Conjugate Unconjugated

Immunogen A synthesized peptide derived from human Complement factor B

Purification Affinity Purified

Calculated MW 85533

Additional Information

Gene ID 629

Other Names CFB

Dilution WB~~1/500-1/1000

Format Liquid in 10mM PBS, pH 7.4, 150mM sodium chloride, 0.05% BSA, 0.02%

sodium azide and 50% glycerol.

Storage Store at 4°C short term. Aliquot and store at -20°C long term. Avoid

freeze/thaw cycles.

Protein Information

Name CFB (HGNC:1037)

Synonyms BF, BFD

Function Precursor of the catalytic component of the C3 and C5 convertase

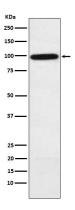
complexes of the alternative pathway of the complement system, a cascade of proteins that leads to phagocytosis and breakdown of pathogens and signaling that strengthens the adaptive immune system (PubMed:3638964, PubMed:624565, PubMed:6554279, PubMed:6919543, PubMed:9748277). The alternative complement pathway acts as an amplification loop that enhances other complement pathways (classical, lectin and GZMK) by promoting

formation of additional C3 and C5 convertases (PubMed: 3638964,

PubMed:<u>624565</u>, PubMed:<u>6554279</u>, PubMed:<u>6919543</u>, PubMed:<u>9748277</u>). CFB is cleaved and activated by CFD to generate Ba and Bb chains; Bb chain constituting the catalytic component of the C3 and C5 convertases

(PubMed: 6769474, PubMed: 9748277).

Images



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