

Rabbit anti-Mouse Complement Factor B Polyclonal Antibody | anti-CFB antibody

Anti-Mouse Complement Factor B, Purified, (Polyclonal) (Rabbit IgG)

CATALOG # AAA74258	HOST Rabbit	REACTIVITY Mouse	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

Complement Factor B; Polyclonal Antibody; Anti-Mouse Complement Factor B; Purified; (Polyclonal) (Rabbit IgG); Purified Rabbit Anti-Mouse Complement Factor B Polyclonal Antibody; anti-CFB antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	This antibody is specific for the mouse Complement Factor B/Bb. WB analysis shows that the antibody may also cross-react with the Ba fragment.
Applicable Applications for anti-CFB antibody	ELISA, WB (Western Blot)
Immunogen	15 amino acid synthetic peptide of mouse Complement Factor B (within Bb fragment).
Presentation	100 ug purified IgG buffered in PBS and 0.02% NaN ₃ . (Purified from serum via Affinity Chromatography). For maximum recovery of contents, spin down tube before use.
Preparation and Storage	Store at + 4 degree C. For long term storage, aliquot and freeze unused portion at -20 degree C in volumes appropriate for single usage. Avoid freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-CFB antibody	Complement factor B is an essential protein in the alternative complement pathway. It is expressed by hepatocytes and macrophages and localizes to the major histocompatibility complex (MHC) class III region on chromosome 6. Factor B circulates in the blood as a single chain polypeptide of 764 amino acids (MW of 90 kDa). Upon activation of the alternative pathway, it is cleaved by complement factor D yielding the noncatalytic chain Ba and the catalytic subunit Bb. The active subunit Bb is a serine protease that associates with C3b to form the alternative pathway C3 convertase. Bb is also involved in the proliferation of preactivated B lymphocytes, while Ba inhibits their proliferation. Factor B is an acute-phase protein whose levels increase during inflammation.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	297569
NCBI GeneID	629
UniProt Accession #	P00751; O15006; Q29944; Q5JP67; Q5ST50; Q96HX6; Q9BTF5; Q9BX92; B0QZQ6
NCBI Official Full Name	complement factor B
NCBI Official Synonym Full Names	complement factor B
NCBI Official Symbol	CFB

NCBI Official Synonym Symbols	BF; FB; BFD; GBG; CFAB; PBF2; AHUS4; FBI12; H2-Bf
NCBI Protein Information	complement factor B; C3 proactivator; C3/C5 convertase; C3 proaccelerator; properdin factor B; B-factor, properdin; glycine-rich beta glycoprotein; glycine-rich beta-glycoprotein
UniProt Protein Name	Complement factor B
UniProt Gene Name	CFB
UniProt Synonym Gene Names	BF; BFD; GBG
UniProt Entry Name	CFAB_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/complement-factor-b-antibody-western-blot-elisa/74258>