

**Anti-Complement Factor B Reference Antibody (Genentech patent anti-Factor B)
Recombinant Antibody
Catalog # APR10846****Specification**

**Anti-Complement Factor B Reference Antibody (Genentech patent anti-Factor B) -
Product Information**

Application	FC, Kinetics, Animal Model
Primary Accession	P00751
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	150 KDa

**Anti-Complement Factor B Reference Antibody (Genentech patent anti-Factor B) -
Additional Information****Target/Specificity**

Complement Factor B

Endotoxin

< 0.001EU/ µg,determined by LAL method.

Conjugation

Unconjugated

Expression system

CHO Cell

Format

Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

**Anti-Complement Factor B Reference Antibody (Genentech patent anti-Factor B) -
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:624565, PubMed:6554279, PubMed:6919543, PubMed:9748277). 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).

Cellular Location

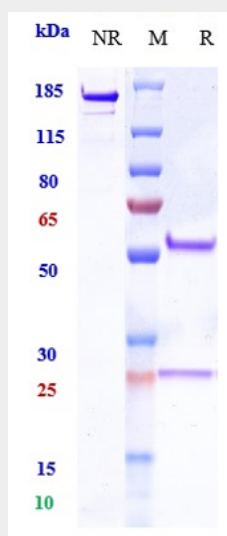
Secreted.

Anti-Complement Factor B Reference Antibody (Genentech patent anti-Factor B) - Protocols

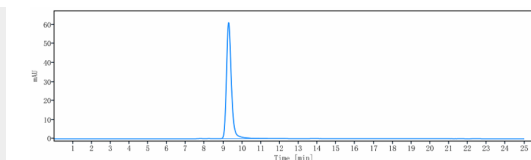
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Complement Factor B Reference Antibody (Genentech patent anti-Factor B) - Images



Anti-Complement Factor B Reference Antibody (Genentech patent anti-Factor B) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90%



The purity of Anti-Complement Factor B Reference Antibody (Genentech patent anti-Factor B) is more than 95% ,determined by SEC-HPLC.