

CFB rabbit monoclonal antibody

Catalog # H00000629-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human CFB peptide using ARM Technology.
Immunogen	A synthetic peptide of human CFB is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human CFB peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — CFB

Entrez GeneID	629
GeneBank Accession#	CFB
Gene Name	CFB
Gene Alias	BF, BFD, CFAB, FB, FBI12, GBG, H2-Bf, PBF2
Gene Description	complement factor B
Omim ID	138470 603075
Gene Ontology	Hyperlink
Gene Summary	This gene encodes complement factor B, a component of the alternative pathway of complement activation. Factor B circulates in the blood as a single chain polypeptide. 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 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. This gene localizes to the major histocompatibility complex (MHC) class III region on chromosome 6. This cluster includes several genes involved in regulation of the immune reaction. Polymorphisms in this gene are associated with a reduced risk of age-related macular degeneration. The polyadenylation site of this gene is 421 bp from the 5' end of the gene for complement component 2. [provided by RefSeq]
Other Designations	B-factor, properdin C3 proaccelerator C3 proactivator C3/C5 convertase OTTHUMP00000029283 OTTHUMP00000174690 glycine-rich beta-glycoprotein

Pathway

- [Complement and coagulation cascades](#)

Disease

- [Abortion](#)
- [Alzheimer disease](#)
- [Ataxia telangiectasia](#)

- [Birth Weight](#)
- [Cardiovascular Diseases](#)
- [Choroid Diseases](#)
- [Choroidal Neovascularization](#)
- [Choroiditis](#)
- [Coronary Disease](#)
- [Diabetes Complications](#)
- [Diabetes Mellitus](#)
- [Disease Progression](#)
- [Diseases in Twins](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)
- [Glioma](#)
- [Hemolytic-Uremic Syndrome](#)
- [HIV Infections](#)
- [Leukemia](#)
- [Lupus Erythematosus](#)
- [Lymphoma](#)
- [Macular Degeneration](#)
- [Meningeal Neoplasms](#)
- [Meningioma](#)
- [Metabolic Syndrome X](#)
- [Multiple Sclerosis](#)
- [Neoplasms](#)
- [Obesity](#)

- [Osteoporosis](#)
- [Peripheral Vascular Diseases](#)
- [Retinal Diseases](#)
- [Retinal Drusen](#)
- [Spinocerebellar ataxia](#)
- [Vision](#)