

CFB monoclonal antibody, clone KT24

Catalog # MAB4954

Size 100 ug

Specification

Product Description	Mouse monoclonal antibody raised against native CFB.
Immunogen	Purified Factor B from human blood.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A purification
Isotype	IgG1
Recommend Usage	ELISA (1 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide).
Storage Instruction	Store at 4°C for 1 month. For long term storage store at -20°C or -80°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Enzyme-linked Immunoabsorbent Assay

Gene Info — CFB

Entrez GeneID

[629](#)

Protein Accession#	P00751
Gene Name	CFB
Gene Alias	BF, BFD, CFAB, FB, FB12, 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](#)