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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Product Number	ARP56331_P050-FITC
Product Page	www.avivasysbio.com/cfb-antibody-n-terminal-region-fitc-arp56331-p050-fitc.html
Name	CFB Antibody - N-terminal region : FITC (ARP56331_P050-FITC)
Protein Size (# AA)	764 amino acids
Molecular Weight	84kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	629
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	complement factor B
Alias Symbols	BF, FB, BFD, GBG, CFAB, CFBD, PBF2, AHUS4, FBI12, H2-Bf, ARMD14
Peptide Sequence	Synthetic peptide located within the following region: NGAGYCSNPGIPIGTRKVGSOYRLEDSVTYHCSRGLTLRGSQRRTCQEGG
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	N/A
Description of Target	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.
Protein Interactions	FN1; LAMC3; RPA2; ALB; CFP; C3;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-CFB (ARP56331_P050-FITC) antibody
Blocking Peptide	For anti-CFB (ARP56331_P050-FITC) antibody is Catalog # AAP56331
Immunogen	The immunogen is a synthetic peptide directed towards the N-terminal region of Human CFAB
Uniprot ID	P00751
Protein Name	complement factor B
Protein Accession #	NP_001701
Purification	Affinity purified
Gene Symbol	CFB
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Rabbit, Sheep
Application	WB

Predicted Homology Based on Immunogen Sequence	Cow: 93%; Dog: 86%; Guinea Pig: 93%; Horse: 93%; Human: 100%; Mouse: 100%; Rabbit: 86%; Rat: 100%; Sheep: 93%
Image 1	 A schematic diagram of a Y-shaped antibody molecule, consisting of two heavy chains and two light chains, represented by thick black lines.

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.

Optimal conditions of its use should be determined by end users.

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