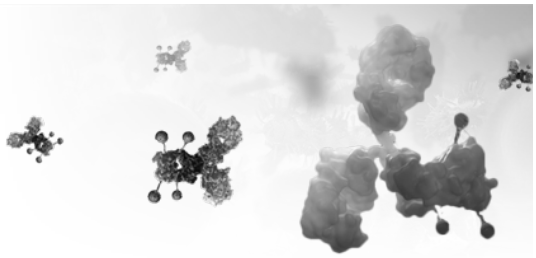

Anti-CFD monoclonal antibody, clone 366820 (DCABY-4070)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	Complement Factor D, also known as adipsin, is a serine protease that catalyzes the initial proteolytic step in the alternative pathway of complement. It is an exceptionally specific protease and the only known protein substrate is factor B in complex with C3.3 Factor D protease activity is regulated by reversible conformational changes, which differs from the majority of serine proteases whose regulation involves either activation by processing of the zymogens or inactivation by binding of the inhibitors.
Specificity	Detects human Complement Factor D inELISAs and Western blots.
Immunogen	Mouse myeloma cell line NS0-derived recombinant human Complement Factor D. Ile26-Ala253 Accession Number P00746
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	366820
Purification	Protein A or G purified from hybridoma culture supernatant
Conjugate	Unconjugated
Applications	ELISA Capture (Matched Pair)
Format	Liquid
Size	500 µg
Buffer	Lyophilized from a 0.2 µm filtered solution in PBS with Trehalose.

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Preservative	None
Storage	Use a manual defrost freezer and avoid repeated freeze-thaw cycles. 12 months from date of receipt, -20 to -70 °C as supplied. 1 month from date of receipt, 2 to 8 °C, reconstituted. 6 months from date of receipt, -20 to -70 °C, reconstituted.

GENE INFORMATION

Gene Name	CFD complement factor D (adipsin) [Homo sapiens (human)]
Official Symbol	CFD
Synonyms	CFD; complement factor D (adipsin); DF; ADN; PFD; ADIPSIN; complement factor D; properdin factor D; C3 convertase activator; complement factor D preproprotein; D component of complement (adipsin);
Entrez Gene ID	1675
Protein Refseq	NP_001919
UniProt ID	P00746
Chromosome Location	19p13.3
Pathway	Adipogenesis; Alternative complement activation; Complement and coagulation cascades; Complement cascade; Hemostasis; Immune System; Initial triggering of complement; Innate Immune System;
Function	serine-type endopeptidase activity; serine-type peptidase activity;

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