



Anti-C6 monoclonal antibody, clone 056B-214.2.4.2 (CABT-45021MH)

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

PRODUCT INFORMATION

Product Overview

This product recognises complement component 6 (C6), a 104 kDa member of the complement C6/C7/C8/C9 family present in blood serum. The factor I modules of C6 bind the C-terminus of the C5b alpha-chain, anchoring the molecule to the membrane; they also binds complement component 7. This enables the formation of the C5b-7 precursor complex. C5b-7 then functions as a receptor for components C8 and C9 which form the complement membrane attack complex (MAC). Deficiency of C6 results in susceptibility to bacterial infection. recognises MAC.

Specificity	C6
Immunogen	Purified human C6
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	056B-214.2.4.2
Conjugate	Unconjugated
Applications	IHC-Fr; ELISA; FC
Format	Purified IgG - liquid
Size	100 µg
Preservative	0.1% Sodium Azide
Storage	in frost-free freezers is not recommended. This product should be stored undiluted. Avoid

repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

GENE INFORMATION

Gene Name	C6 complement component 6 [Homo sapiens (human)]
Official Symbol	C6
Synonyms	C6; complement component 6; complement component C6;
Entrez Gene ID	729
Protein Refseq	NP_000056
UniProt ID	P13671
Chromosome Location	5p13
Pathway	Complement Activation, Classical Pathway; Complement and Coagulation Cascades; Complement and coagulation cascades; Complement cascade; Immune System; Innate Immune System; Prion diseases; Regulation of Complement cascade;
Function	protein binding;