



Anti-C3 monoclonal antibody, clone H13 (CABT-45010MH)

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

PRODUCT INFORMATION

Product Overview

Mouse anti Human C3a antibody, clone H13 recognizes human C3a anaphylatoxin, a cleavage product of human complement component C3. C3a increases vascular permeability and causes histamine release from mast cells and basophilic leukocytes. Mouse anti Human C3a antibody, clone H13 recognizes a C3a-determinant also present on native C3. Clone H13 allows discrimination of ubiquitous or non-specifically bound native C3 or C3a from biologically active C3b fragment, neither C3b or C5 components are recognized by clone H13. Mouse anti Human C3a antibody, clone H13 is reported to block C3a functional activity.

Specificity	C3
Immunogen	Human complement component C3.
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	Human, Guinea pig, Rabbit
Clone	H13
Conjugate	Unconjugated
Applications	IHC-Fr; ELISA; WB
Format	Purified IgG - lyophilised
Size	50 µg
Preservative	0.09% 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	C3 complement component 3 [Homo sapiens (human)]
Official Symbol	C3
Synonyms	C3; complement component 3; ASP; C3a; C3b; AHUS5; ARMD9; CPAMD1; HEL-S-62p; complement C3; prepro-C3; C3a anaphylatoxin; complement component C3; complement component C3a; complement component C3b; acylation-stimulating protein cleavage product; epididymi
Entrez Gene ID	718
Protein Refseq	NP_000055
UniProt ID	P01024
Chromosome Location	19p13.3-p13.2
Pathway	Activation of C3 and C5; Adaptive Immune System; Alternative complement activation; Chagas disease (American trypanosomiasis); Class A/1 (Rhodopsin-like receptors); Complement Activation, Classical Pathway; Complement and Coagulation Cascades; Complement and coagulation cascades;
Function	C5L2 anaphylatoxin chemotactic receptor binding; endopeptidase inhibitor activity; protein binding; receptor binding;