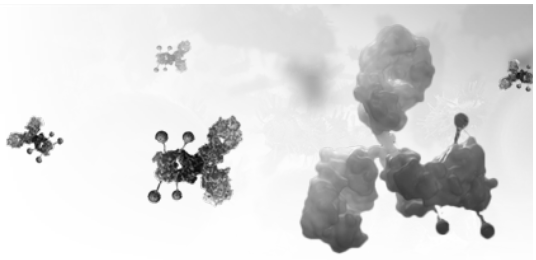

Anti-C7 monoclonal antibody, clone 030-113.7.5.4 (CABT-47921MH)

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

PRODUCT INFORMATION

Product Overview	Mouse anti Human C7 antibody, clone 030-113.7.5.4 recognises complement component 7 (C7), a 110 kDa glycoprotein present in the blood serum. The factor I domain of C7 binds the C terminus of the C5 alpha-chain, acting as a membrane anchor. This enables the assembly of the complement membrane attack complex (MAC) and consequent complement lytic activity. C7 deficiency is associated with increased susceptibility to recurrent infections, in particular by Neisseria meningitides. Mouse anti Human C7 antibody, clone 030-113.7.5.4 does not recognie membrane bound complement membrane attack complex. Mouse anti Human C7 antibody, clone 030-113.7.5.4 inhibits lysis of sensitised sheep erythrocytes. Removal of Sodium Azide is recommended prior to use in functional assays.
Specificity	C7
Immunogen	Purified human C7.
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	Human
Clone	030-113.7.5.4
Conjugate	Unconjugated
Applications	ELISA; FA; WB
Format	Purified IgG - liquid
Size	100 µg
Preservative	0.1% Sodium Azide

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

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	C7 complement component 7 [Homo sapiens (human)]
Official Symbol	C7
Synonyms	C7; complement component 7; complement component C7;
Entrez Gene ID	730
Protein Refseq	NP_000578
UniProt ID	P10643
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;

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221