

Mouse Monoclonal Antibody to C3C

Catalogue Number	sAP-1390
Target Molecule	Name: C3C Aliases: ASP; C3a; C3b; AHUS5; ARMD9; CPAMD1; HEL-S-62p MW: 187.1kDa Entrez Gene ID: 718
Description	Complement component C3 plays a central role in the activation of complement system. Its activation is required for both classical and alternative complement activation pathways. The encoded preproprotein is proteolytically processed to generate alpha and beta subunits that form the mature protein, which is then further processed to generate numerous peptide products. The C3a peptide, also known as the C3a anaphylatoxin, modulates inflammation and possesses antimicrobial activity. Mutations in this gene are associated with atypical hemolytic uremic syndrome and age-related macular degeneration in human patients.;
Immunogen	Purified recombinant fragment of human C3C (AA: 1521-1649) expressed in E. Coli.
Recombinant Species	Human;
Clone	MM4C6A8;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000; ICC: 1 to 200 - 1 to 1000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1.Blood. 2015 Apr 9;125(15):2359-69. ; 2.Mediators Inflamm. 2013;2013:716902.;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**