

C4A/C4B

Mouse Anti-Human Complement C4 (Clone 25.3F4) Biotin mAb

Catalog No.	CMH043	Quantity:	100 µl
Alternate Names:	C42, C4A3, C4A4, C4A6, C4AD, C4S, CO4, CPAMD2, RG, C4A		
Description:	The mouse monoclonal antibody recognizes human Complement component 4 (C4), a component of the classical complement pathway, split by activated C1s to C4a and C4b. Together C2a and C4b forms the classical C3 convertase. The molecular mass of C4 is 204 kDa and it consists of 3 domains: alpha (97kDa), beta (75 kDa) and gamma (33 kDa). The C4 protein derives from the C4A-C4B genes.		
Gene ID:	720/721		
Concentration:	1.0 mg/ml		
Conjugate:	Biotin		
Specificity:	Human Complement C4		
Host:	Mouse		
Isotype:	IgG1k		
Immunogen:	Complement C4 isolated from human plasma		
Clone:	25.3F4		
Formulation:	Liquid in 10 mM phosphate buffer, pH 7.4, + 0.5 M sodium chloride + 15 mM sodium azide. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.		
Purification:	Protein A Chromatography		
Applications:	ELISA		
Application Notes:	ELISA: For use as detection antibody to measure C4c, with CMH017 as the capture antibody.		
Storage & Stability:	Stable at 2-8°C.		

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

