

C4A/C4B

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

Catalog No.	CMH042A CMH042B	Quantity:	200 µl 1.0 ml
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:	Unconjugated		
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, Western Blot		
Application Notes:	ELISA: A strong reaction is seen with normal human serum when tested in sandwich ELISA. No reaction is seen with C4-depleted serum. WB: Reacts with C4 in both reduced and non-reduced forms.		
Storage & Stability:	Stable at 2-8°C.		

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

