

F12

Mouse anti-Mouse Coagulation Factor XII Clone 2D10-B2F12 Inhibitory mAb

Catalog No.	CMM009A	Quantity:	100 µg
	CMM009B		1.0 mg

Alternate Names: HAF, Hageman factor, FXII

Description: Mouse monoclonal antibody to Mouse Factor XII Clone 2D10-B2F12. The IgG fraction was purified by immobilized Protein G. It detects Factor XII, Factor XIIa and Factor beta-XIIa by western blot under non-reducing and reducing conditions. It weakly cross-reacts with Human Factor XII. The epitope is localized to the light chain.

Clone 2D10-B2F12 greatly increases the activated partial thromboplastin clotting time (APTT) of normal mouse plasma. The method of action has not been conclusively determined but could be inhibition of XIIa activity, prevention of XII activation, or blocking of XI activation by XIIa.

Concentration: 1.0 mg/ml

Gene ID: 58992

Purity: IgG fraction

Source: Hybridoma cell culture

Host: Mouse (Factor XII knockout)

Immunogen: Recombinant full length wild-type protein from insect cells (glycosylated)

Isotype: IgG1 Kappa

Clone: 2D10-B2F12

Formulation: Frozen Liquid in 0.05 M Sodium Phosphate + 0.1 M NaCl + 1 mM EDTA, pH 6.6

Target: Recognizes the light chain of Factor XII

Applications: ELISA, Western blot

Storage & Stability: When stored at -80°C, product is stable for 5 years from date of delivery. **Avoid repeated freeze-thaw cycles.**

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

