

Murine Anti-Factor XII

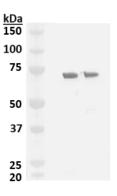
Clone GMA-147

Factor XII (FXII), also known as Hageman factor, is an activator of both coagulation and the kinin system. During contact activation, factor XII (Mr 80,000) is proteolytically cleaved at several sites, creating activated factor XIIa. Factor XIIa cleaves prekallikrein to kallikrein and factor XI to factor XIa. GMA-147 binds FXII and FXIIa in Western blot.

Description			
Antibody Source:		mouse monoclonal, IgG ₁	
Antigen Species Bound:		human	
Specificity:		factor XII	
Immunogen:		human factor XII	
Formulation and Storage			
Purity:	Purified by protein G affinity chromatography from serum-free cell culture supernatant.		
Product Formulation:	Lyophilized from a ≥ 1 mg/ml solution in 20 mM NaH ₂ PO ₄ 0.15 M NaCl, 1.0% (w/v) mannitol, pH 7.4. Concentration determined by absorbance measurement at 280 nm and using an extinction coefficient of 1.4 ($\epsilon_{0.1\%}$).		
Reconstitution:	Reconstitute with deionized water.		
Storage:	aliquoted prolonged cycles. A	philized or reconstituted and material at -20°C for d periods. Avoid freeze-thaw lternatively, add 0.02% (w/v) zide to reconstituted solution e at 4°C.	
Country of Origin:	USA		
Size Options:	0.1 mg or 0.5 mg		

Applications		
Working Concentration:	Approximately 1-5 µg/ml. Researcher should titer antibody in specific assay.	
ELISA:	Not recommended.	
Immunoblotting:	Binds human FXII and FXIIa under non-reduced conditions.	

Western blot of non-reduced FXII, 1 μg/mL GMA-147



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