

## **Murine Anti-Factor XII**

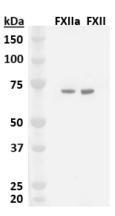
## Clone GMA-148

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-148 binds FXII and FXIIa in Western blot.

Description			
Antibody Source:		mouse monoclonal, IgG <sub>1</sub>	
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 $\geq$ 1 mg/ml solution in 20 mM NaH <sub>2</sub> PO <sub>4</sub> 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:	Store lyophilized or reconstituted and aliquoted material at -20°C for prolonged periods. Avoid freeze-thaw cycles. Alternatively, add 0.02% (w/v) sodium azide to reconstituted solution and store at 4°C.		
Country of Origin:	USA		
Size Options:	0.1 mg o	r 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-148



For in vitro research only. Not for use as a diagnostic or therapeutic. All sales governed by Warranty Policy located at: https://greenmoab.com/about-gma/warranty-policy/