F7
Mouse Anti-Human Factor VII Clone 11G42-D8 Biotin mAb

Catalog No.	CS456A CS456B	**Quantity:**	1 mg 10 mg
Alternate Names:	SPCA		
Description:	Biotinylated mouse monoclonal antibody to Human Factor VII Clone 11G42-D8. Coagulation factor VII is a vitamin K-dependent factor essential for hemostasis. This factor circulates in the blood in a zymogen form, and is converted to an active form by either factor IXa, factor Xa, factor XIIa, or thrombin by minor proteolysis. Upon activation of factor VII, a heavy chain containing a catalytic domain and a light chain containing 2 EGF-like domains are generated, and two chains are held together by a disulfide bond. In the presence of factor III and calcium ions, the activated factor then further activates the coagulation cascade by converting factor IX to factor IXa and/or factor X to factor Xa. Alternative splicing of this gene results in 2 transcripts. Defects in this gene can cause coagulopathy.		
Concentration:	5.0 mg/ml		
Gene ID:	2155		
Purity:	IgG fraction		
Source:	Hybridoma cell culture		
Host:	Mouse		
Immunogen:	Full length native protein (purified) (Human).		
Isotype:	IgG2b κ		
Clone:	11G42-D8		
Purification:	IgG fraction purified by immobilized Protein G.		
Formulation:	Frozen liquid in 0.0 5 M Sodium Phosphate + 0.1 M NaCl + 1 mM EDTA, pH 6.6		
Target:	Recognizes Factor VII		
Cross-Reactivity:	Human		
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.

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