

**F7**

## Mouse Anti-Human Factor VII Clone 11G42-D8 mAb

<b>Catalog No.</b>	CS215A	<b>Quantity:</b>	1.0 mg
	CS215B		10 mg

**Description:** 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

**Specificity:** Recognizes Factor VII

**Host:** Mouse

**Immunogen:** Full length native protein (purified) (Human).

**Isotype:** IgG2b  $\kappa$

**Clone:** 11G42-D8

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

**Purification:** IgG fraction purified by immobilized Protein G.

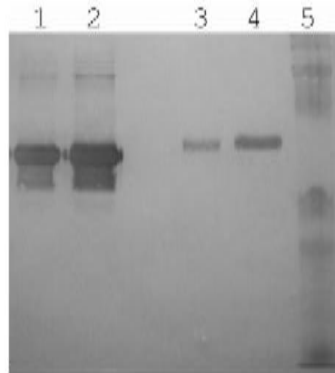
**Cross-Reactivity:** Human

**Applications:** ELISA, WB

**Storage & Stability:** When stored at  $-80^{\circ}\text{C}$ , product is stable for 5 years from date of delivery. **Avoid repeated freeze-thaw cycles.**



Western Blot of Human Factor VII with Mouse Anti-Human Factor VII Clone 11G42-D8 mAb.  
Lane 1, 0.5  $\mu$ g NR. Lane 2, 1.0  $\mu$ g NR. Lane 3, 0.5  $\mu$ g R. Lane 4, 1.0  $\mu$ g R. Lane 5, MW markers.



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