

Product datasheet for **AM09326PU-N**

Factor VII (F7) Mouse Monoclonal Antibody [Clone ID: RFFVII/2]

Product data:

Product Type:	Primary Antibodies
Clone Name:	RFFVII/2
Applications:	ELISA, R, WB
Recommended Dilution:	ELISA. Clone RFFVII/2 may be used as a Capture antibody in Immunoassay for Factor VII in combination with clone RFFVII/1 as a Detection reagent. Radioimmunoassays. Western blotting: This Factor VII antibody binds to a conformational epitope and will not bind to reduced Factor VI.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified Factor VII.
Specificity:	Recognizes Human Factor VII antigen. Other species not tested.
Formulation:	PBS, pH 7.4 containing 0.09% Sodium Azide as preservative State: Aff - Purified State: Liquid purified IgG fraction from Tissue Culture Supernatant
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	coagulation factor VII
Database Link:	Entrez Gene 2155 Human P08709



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Background:	Factor VII is a 50kDa multi-domain, single chain plasma glycoprotein synthesised in the liver and having anormal circulating concentration of between 400 and 600 µg/L. It is essential for blood coagulation. Factor VII is converted to the active, two chain, serine protease Factor VIIa through cleavage by thrombin, factor Xa, factor IXa or factor XIIa. Factor VIIa converts factor X to factor Xa, which in turn converts Prothrombin to Thrombin.
Synonyms:	Proconvertin, SPCA
Protein Families:	Druggable Genome, Protease
Protein Pathways:	Complement and coagulation cascades