

Product datasheet for **AM31848BT-N**

Factor VII (F7) (+VIIa) Mouse Monoclonal Antibody [Clone ID: AD-1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	AD-1
Applications:	ELISA, WB
Recommended Dilution:	ELISA. Western Blot.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human Factor VII (AD-1) purified from plasma.
Specificity:	This antibody is specific for factor VII/VIIa (AD-1).
Formulation:	PBS containing 0.02% Sodium Azide as preservative and EIA grade BSA as a stabilizing protein to bring total protein concentration to 4-5 mg/ml Label: Biotin State: Liquid purified Ig fraction
Concentration:	lot specific
Conjugation:	Biotin
Storage:	Store the antibody 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:	<p>Human blood coagulation factor VII is a 50 kD, vitamin K dependent, plasma glycoprotein synthesized in the liver and secreted into the blood as a single chain zymogen of serine protease factor VIIa. Factor VII participates in a cascade of reactions leading to the coagulation of blood and contains two Epidermal Growth Factor (EGF) domains. This antibody recognizes an epitope in the factor VIIa heavy chain.</p> <p>Factor VII participates in the extrinsic pathway of blood coagulation in an Activated form called factor VIIa. Factor VII can be converted to VIIa by Factor IXa or thrombin.</p>
Synonyms:	Proconvertin, SPCA
Protein Families:	Druggable Genome, Protease
Protein Pathways:	Complement and coagulation cascades