

Product datasheet for **AM09270PU-N**

Factor X (F10) Mouse Monoclonal Antibody [Clone ID: F10-1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	F10-1
Applications:	ELISA
Recommended Dilution:	ELISA.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human Factor X.
Specificity:	Human Factor X.
Formulation:	0.01M PBS, pH 7.2 without preservatives. State: Aff - Purified State: Lyophilized purified IgG fraction.
Reconstitution Method:	Restore with Double distilled water to a final concentration to 1.0 mg/ml.
Purification:	Affinity Chromatography on Protein G.
Conjugation:	Unconjugated
Storage:	Store the antibody (in aliquots) at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	coagulation factor X
Database Link:	Entrez Gene 2159 Human P00742
Background:	Factor X is activated by the cleavage of the activation peptide by factor IXa (in the intrinsic pathway), or by factor VIIa (in the extrinsic pathway). The activated factor then converts prothrombin to thrombin in the presence of factor Va, Ca ²⁺ , and phospholipid during blood clotting. Mutations of this gene result in factor X deficiency, a haemorrhagic condition of variable severity.



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Synonyms: Stuart factor, Stuart-Prower factor

Protein Families: Druggable Genome, Protease, Transmembrane

Protein Pathways: Complement and coagulation cascades