

## Product datasheet for **AM31852PU-N**

### **F10 (+Xa) (Calcium Dependent) Mouse Monoclonal Antibody [Clone ID: CaFX-50]**

#### **Product data:**

Product Type:	Primary Antibodies
Clone Name:	CaFX-50
Applications:	ELISA, WB
Recommended Dilution:	<b>ELISA:</b> Titer (Optimal Antibody Concentration): 1/16K – 1/32K As determined in ELISA against Human Factor X and Factor Xa coated at 2 µg/ml (in the presence of 10 mM CaCl <sub>2</sub> ). <b>Western Blot.</b>
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human Factor X purified from the supernatant of thrombin activated platelets.
Specificity:	This antibody is specific for Human Platelet Factors X and Xa in the presence of 5-10 mM CaCl <sub>2</sub> . Other species not tested.
Formulation:	PBS State: Purified State: Liquid purified IgG fraction from ascitic fluid Preservative: 0.02% Sodium Azide
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 X
Database Link:	<a href="#">Entrez Gene 2159 Human O88947</a>



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**Background:** Platelet factor X (PFX), also known as Stuart Prower Factor or as Thrombokinase, is an enzyme of the coagulation cascade. PFX is synthesized in the liver and requires vitamin K for its synthesis. PFX is activated into factor Xa by both factor IX and factor VII. PFX cleaves prothrombin to yield active thrombin.

**Synonyms:** Stuart factor, Stuart-Prower factor