

Product datasheet for **AM31852BT-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:	ELISA: 0.13 µg/ml. Western Blot.
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 ₂ . Other species not tested.
Formulation:	PBS containing 0.02% Sodium Azide and EIA grade BSA to bring total protein concentration to 4-5 mg/ml Label: Biotin State: Liquid purified IgG fraction from ascitic fluid
Concentration:	lot specific
Purification:	Protein G Chromatography
Conjugation:	Biotin
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:	Entrez Gene 2159 Human O88947



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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