

Product datasheet for **AM31849PU-N**

Factor IX (F9) (+IXa) Mouse Monoclonal Antibody [Clone ID: CaFIX-1]

Product data:

Product Type:	Primary Antibodies
Clone Name:	CaFIX-1
Applications:	ELISA, WB
Recommended Dilution:	ELISA. Western Blot.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human Factor IX (CaFIX-1) purified from plasma.
Specificity:	This antibody is specific for factor IX/IXa (CaFIX-1).
Formulation:	PBS State: Purified State: Liquid purified Ig fraction 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 IX
Database Link:	Entrez Gene 2158 Human P00740



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Background:	Human Factor IX/IXa also called Christmas-Factor, is a glycoprotein that is synthesized in the liver and belongs to the serine protease system. Coagulation Factor IX is a single chain polypeptide with a molecular weight of 57 kD. A deficiency in Factor IX causes Hemophilia B. Factor IX has two EGF like domains and is activated by either factor XIa or a factor VIIa/tissue factor/phospholipid complex.
Synonyms:	Christmas factor, PTC
Protein Families:	Druggable Genome, Protease, Secreted Protein
Protein Pathways:	Complement and coagulation cascades