

## Product datasheet for **BM2634**

### Factor XI (F11) Mouse Monoclonal Antibody [Clone ID: hfXI-2]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	hfXI-2
Applications:	ELISA, FN, R, WB
Recommended Dilution:	Inhibitory in clotting assays. Useful for purification of Factor XI. Western blot (non-reduced samples only, band size 160 kD). RIA. ELISA.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG
Clonality:	Monoclonal
Immunogen:	Human Factor XI
Specificity:	Reacts with human Factor XI.
Formulation:	50% (vol/vol) glycerol/water) without preservatives State: Azide Free State: Liquid purified Ig fraction (>95% pure).
Concentration:	lot specific
Purification:	Ammonium sulfate precipitation, ion exchange chromatography and gel filtration
Conjugation:	Unconjugated
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	coagulation factor XI
Database Link:	<a href="#">Entrez Gene 2160 Human P03951</a>



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**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<sup>2+</sup>, and phospholipid during blood clotting. Mutations of this gene result in factor X deficiency, a haemorrhagic condition of variable severity.

**Synonyms:** Plasma thromboplastin antecedent, PTA, FX1