

Product datasheet

Anti-Factor XI antibody [MM0193-7C38] ab89335

Overview

Product name	Anti-Factor XI antibody [MM0193-7C38]
Description	Mouse monoclonal [MM0193-7C38] to Factor XI
Host species	Mouse
Specificity	ab89335 detects Factor XI.
Tested applications	Suitable for: WB, Neutralising
Species reactivity	Reacts with: Human
Immunogen	Recombinant full length Human Factor XI protein.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Preservative: None Constituents: PBS
Purity	Protein G purified
Purification notes	The IgG fraction of culture supernatant was purified by Protein G affinity chromatography and lyophilized from a 0.2 µm filtered solution.
Clonality	Monoclonal
Clone number	MM0193-7C38
Isotype	IgG2

Applications

Our [Abpromise guarantee](#) covers the use of **ab89335** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/1000. Predicted molecular weight: 69 kDa.
Neutralising		Use at an assay dependent dilution.

Target

Function	Factor XI triggers the middle phase of the intrinsic pathway of blood coagulation by activating factor IX.
Tissue specificity	Isoform 2 is produced by platelets and megakaryocytes but absent from other blood cells.
Involvement in disease	Defects in F11 are the cause of factor XI deficiency (FA11D) [MIM:612416]; also known as plasma thromboplastin antecedent deficiency or Rosenthal syndrome. It is a hemorrhagic disease characterized by reduced levels and activity of factor XI resulting in moderate bleeding symptoms, usually occurring after trauma or surgery. Patients usually do not present spontaneous bleeding but women can present with menorrhagia. Hemorrhages are usually moderate.
Sequence similarities	Belongs to the peptidase S1 family. Plasma kallikrein subfamily. Contains 4 apple domains. Contains 1 peptidase S1 domain.
Post-translational modifications	Activated by factor XIIa (or XII), which cleaves each polypeptide after Arg-387 into the light chain, which contains the active site, and the heavy chain, which associates with high molecular weight (HMW) kininogen.
Cellular localization	Secreted.

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