abcam

Product datasheet

Anti-FXI antibody [MM0193-7C38] ab89335

1 Image

Overview

Product name	Anti-FXI antibody [MM0193-7C38]
Description	Mouse monoclonal [MM0193-7C38] to FXI
Host species	Mouse
Tested applications	**Suitable for:** WB
Species reactivity	**Reacts with:** Human
Immunogen	Recombinant full length protein corresponding to Human FXI.
Positive control	WB: Human placenta tissue lysate.
General notes	The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing. If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer	Constituent: 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

The Abpromise guarantee 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: 70 kDa.

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.

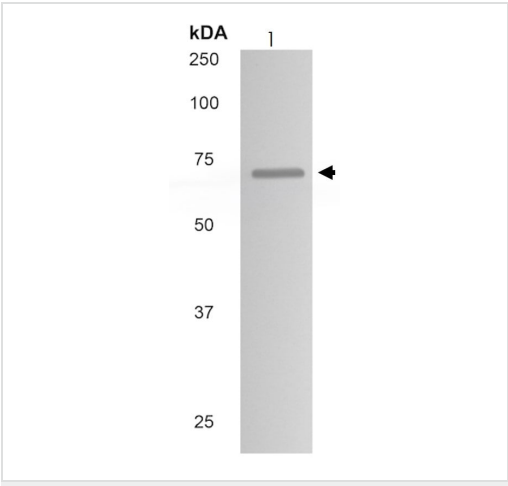
Involvement in disease Defects in F11 are the cause of factor XI deficiency (FA11D) [MIM:612416]; also known as plasma thromboplastin antecedent deficiency or Rosenthal syndrome. It is a hemorrhagic disease characterized by reduced levels and activity of factor XI resulting in moderate bleeding symptoms, 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.

Images



Western blot - Anti-FXI antibody [MM0193-7C38] (ab89335)

Anti-FXI antibody [MM0193-7C38] (ab89335) at 1/500 dilution + Human placenta tissue lysate

Predicted band size: 70 kDa

Observed band size: 69 kDa

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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