Anti-Human Coagulation Factor XI (#7C38)

20150116ML

FOR RESEARCH ONLY! NOT FOR HUMAN USE!

Cat.-no.:	**101-M332**
Size:	100 µg
Lot. No.:	According to product label

Preparation: This antibody was produced from a hybridoma (mouse myeloma fused with spleen cells from a mouse) immunized with human recombinant protein of Coagulation factor XI.

Target Background

Synonyms (Target):	F11; FXI

Coagulation Factor XI is synthesized in the liver and circulates in the plasma as a disulfide bond-linked dimer complexed with High Molecular Weight Kininogen. Factor XI is converted into active XIa either via the contact phase of blood coagulation or through Thrombin-mediated activation on the platelet surface. The resulting XIa converts Coagulation Factor IX into IXa, which subsequently activates Coagulation Factor X (Xa). Xa then can mediate Coagulation Factor II/Thrombin activation. Patients with factor XI deficiency are prone to excessive bleeding after hemostatic challenge.

Database References Target

Protein RefSeq:	NP_000119.1
Uniprot ID:	P03951
mRNA RefSeq:	NM_000128.3

Product Specifications

Host	Mouse
Reactivity against	Human
Clonality	Monoclonal Antibody
Clone	(#7C38)
Isotype	IgG2
Purification	Protein G chromatography
Antigen	Human recombinant Coagulation factor XI
Formulation	lyophilized
Reconstitution buffer	PBS (sterile)

Reconstitution: Reconstitute the antibody with 200 µl sterile PBS and the final concentration is 500 µg/ml.

Stability: Lyophilized samples are stable for 2 years from date of receipt when stored at -70°C. Reconstituted antibody can be aliquoted and stored frozen at < -20 °C for at least for six months without detectable loss of activity.

Remarks: This antibody was selected for its ability to detect human Coagulation factor XI.

AVOID REPEATED FREEZE AND THAW CYCLES!

Applications

The antibody can be used within the following applications:

WB, N

Recommended usage:

WB: 1:500-1000

Neutralization: Yes

NOTE: OPTIMAL DILUTIONS SHOULD BE DETERMINED BY EACH LABORATORY FOR EACH APPLICATION!