



ANOGEN - A Division of YES Biotech Laboratories Ltd.

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Mouse Anti-Human Factor X Monoclonal Antibody Datasheet

Product Name: mAb anti- human Factor X

Clone No.: F10-1

Catalogue No.: MO-M40039

Quantity: 0.5 mg/vial

Description: Mouse monoclonal antibody to human Factor X.

Purification: Protein G affinity purified

Product Type: Primary antibody

Target Protein: Human Factor X

Immunogen: Human Factor X

Fusion Myeloma: Sp2/0-Ag14

Specificity: React with human Factor X

Species Reactivity: Human, others not tested

Host / Isotype: Mouse, IgG1 Kappa

Formulation: Lyophilized from a solution in 0.01M PBS, pH 7.2.

Reconstitution: Double distilled water is recommended to reconstitute the antibody.

Storage: Store at -20°C

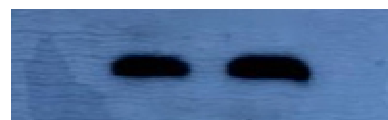
Research Area: Hematology, blood coagulation

Background: Factor X is the first enzyme in the common pathway of blood coagulation. It can be activated by Factor IXa (with Factor VIII cofactor) of the contact pathway and by Factor VIIa of the tissue factor pathway. After activation, It cleaves prothrombin to form thrombin. Thrombin not only transforms Fibrinogen to form Fibrin and but also activates Factor XIII to stabilize Fibrin in the thrombus.

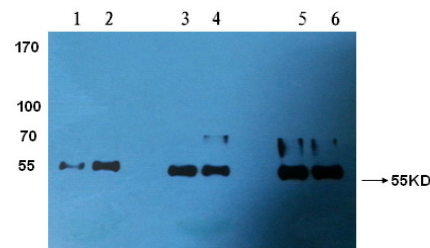
Applications:

Western blot:

1. Detect purified human Factor X antigen (200ng/well) using 1µg/mL mouse anti-human Factor X antibody clone F10-1 (Cat. No.: MO-M40039).



2. Detect the human Factor X antigen in human plasma using mouse anti-human Factor X antibody clone F10-1.



Lane 1 & 2: Anti-human Factor X used at 0.2µg/mL dilution. Lane 3 & 4: Anti-human Factor X used at 0.5µg/mL dilution. Lane 5 & 6: Anti-human Factor X used at 1µg/mL dilution.

ELISA: The antibody is reactive to human Factor X.

References:

If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide one unit of product in the same category as gratitude.

This product is for LABORATORY RESEARCH USE and further manufacture ONLY, and cannot be administrated to human and animals for use in diagnostic and therapeutic procedures.

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