



[Go to Product page](#)

Datasheet for ABIN7466218  
**anti-Coagulation Factor X antibody**

### Overview

Quantity:	100 µL
Target:	Coagulation Factor X (F10)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Coagulation Factor X antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunocytochemistry (ICC)

### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human Factor X. The exact sequence is proprietary.
Clone:	GT268
Isotype:	IgG2b
Cross-Reactivity:	Human
Purification:	Affinity purified by Protein G.

### Target Details

Target:	Coagulation Factor X (F10)
Alternative Name:	coagulation factor X ( <a href="#">F10 Products</a> )
Background:	Coagulation factor X , FX , FXA,This gene encodes the vitamin K-dependent coagulation factor

## Target Details

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X of the blood coagulation cascade. This factor undergoes multiple processing steps before its preproprotein is converted to a mature two-chain form by the excision of the tripeptide RKR. Two chains of the factor are held together by 1 or more disulfide bonds, the light chain contains 2 EGF-like domains, while the heavy chain contains the catalytic domain which is structurally homologous to those of the other hemostatic serine proteases. The mature factor 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 hemorrhagic condition of variable severity. [provided by RefSeq]

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Molecular Weight: 55 kDa

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Gene ID: 2159

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UniProt: [P00742](#)

## Application Details

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Application Notes: WB: 1:5000-1:20000. ICC/IF: 1:100-1:1000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.

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Comment: Positive Control: human F10-transfected 293T cells

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Restrictions: For Research Use only

## Handling

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Format: Liquid

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Concentration: 1 mg/mL

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Buffer: PBS, No Preservative

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Preservative: Without preservative

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Storage: 4 °C, -20 °C

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Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.