

F10

Rabbit Anti-Human Factor X IgG Fraction pAb

Catalog No.	CSI19740A	Quantity:	1.0 mg
	CSI19740B		10 mg

Alternate Names: RP11-98F14.9, FX, FXA

Description: Coagulation Factor X (F10) 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⁺², and phospholipid during blood clotting. Mutations of this gene result in Factor X deficiency, a hemorrhagic condition of variable severity.

GeneID: 2159

Concentration: 10.0 mg/mL

Volume: 0.1 mL

Host: Rabbit Serum

Isotype: IgG

Formulation: Frozen Liquid in 0.05 M Sodium Phosphate pH 6.6 + 0.1 M NaCl + 1 mM EDTA

Purification: Protein A purified

Storage & Stability: Store at -70°C.

NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

