

# FA10 (light chain, Cleaved-Arg179) rabbit pAb

Cat No.:ES20000

For research use only

## Overview

Product Name	FA10 (light chain, Cleaved-Arg179) rabbit pAb
Host species	Rabbit
Applications	WB; ELISA
Species Cross-Reactivity	Human;Rat;Mouse;
Recommended dilutions	WB 1:1000-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human FA10 (light chain, Cleaved-Arg179)
Specificity	This antibody detects endogenous levels of Human FA10 (light chain, Cleaved-Arg179, protein was cleaved amino acid sequence between )
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20℃. Avoid repeated freeze-thaw cycles.
Protein Name	FA10 (light chain, Cleaved-Arg179)
Gene Name	F10
Cellular localization	Secreted.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	15 53kD
Human Gene ID	2159
Human Swiss-Prot Number	P00742
Alternative Names	Coagulation factor X (EC 3.4.21.6;Stuart factor;Stuart-Prower factor) [Cleaved into: Factor X light chain; Factor X heavy chain; Activated factor Xa heavy chain]
Background	catalytic activity:Selective cleavage of Arg- -Thr and then Arg- -Ile bonds in prothrombin to form thrombin.,function:Factor Xa is a vitamin K-dependent glycoprotein that converts





prothrombin to thrombin in the presence of factor Va, calcium and phospholipid during blood clotting.,online information:Factor X entry,PTM:N- and O-glycosylated.,PTM:The activation peptide is cleaved by factor IXa (in the intrinsic pathway), or by factor VIIa (in the extrinsic pathway).,PTM:The iron and 2-oxoglutarate dependent 3-hydroxylation of aspartate and asparagine is (R) stereospecific within EGF domains.,PTM:The vitamin K-dependent, enzymatic carboxylation of some glutamate residues allows the modified protein to bind calcium.,similarity:Belongs to the peptidase S1 family.,similarity:Contains 1 Gla (gamma-carboxy-glutamate) domain.,similarity:Contains 1 peptidase S1 domain.,similarity:Contains 2 EGF-like domains.,subunit:The two chains are formed from a single-chain precursor by the excision of two Arg residues and are held together by 1 or more disulfide bonds.,tissue specificity:Plasma; synthesized in the liver.,

