



FA10 (light chain, Cleaved-Arg179) mouse mAb

Catalog No	YP-mAb-03363
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	F10
Protein Name	FA10 (light chain, Cleaved-Arg179)
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.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	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]
Observed Band	15 53kD
Cell Pathway	Secreted.
Tissue Specificity	Plasma; synthesized in the liver.
Function	proteolysis, blood coagulation, blood coagulation, extrinsic pathway, hemostasis, response to wounding, positive regulation of signal transduction, regulation of protein kinase cascade, positive regulation of cell communication,positive regulation of protein kinase cascade, regulation of cell migration, positive regulation of cell migration,regulation of locomotion, positive regulation of locomotion, wound healing, coagulation, regulation of body fluid levels,regulation of cell motion, positive regulation of cell motion, regulation of protein kinase B signaling cascade, positive regulation of protein kinase B signaling cascade,
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.,

matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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