

Product Name: Factor XIIIa Rabbit Monoclonal Antibody
Catalog #: AMRe01435

Summary

Production Name	Factor XIIIa Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IHC-P
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	F13A1
Alternative Names	Coagulation factor XIIIa; F13A; F13a1; Fibrin stabilizing factor; A subunit; Fibrinolygase; TGase; Transglutaminase A chain
Gene ID	2162
SwissProt ID	P00488

Application

Dilution Ratio	WB: 1/500-1/1000 IHC: 1/50-1/100
Molecular Weight	Calculated MW: 83 kDa; Observed MW: 83 kDa

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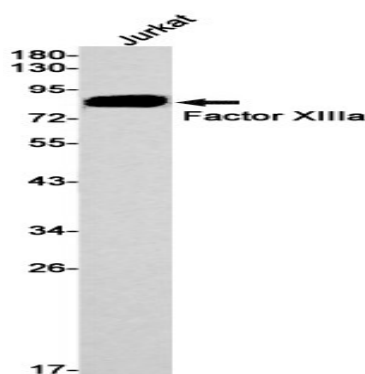
Background

Factor XIII is activated by thrombin and calcium ion to a transglutaminase that catalyzes the formation of gamma-glutamyl-epsilon-lysine cross-links between fibrin chains, thus stabilizing the fibrin clot. Also cross-link alpha-2-plasmin inhibitor, or fibronectin, to the alpha chains of fibrin.

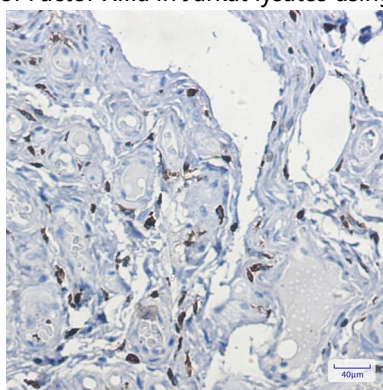
Research Area

Cardiovascular

Image Data



Western blot analysis of Factor XIIIa in Jurkat lysates using Factor XIIIa antibody.



Immunohistochemistry analysis of paraffin-embedded Human colon cancer using Factor XIIIa antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

Note

For research use only.