Recombinant Factor XIIIa Monoclonal Antibody

catalog number: **AN301519L**

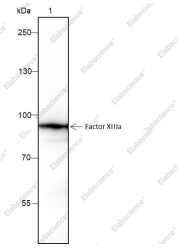
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant human Factor XIIIa fragment
Host	Rabbit
Isotype	Rabbit IgG
Clone	C111142
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications	Recommended Dilution
WB	1:500-1:1000
IHC	1:100-1:500
IF	1:50

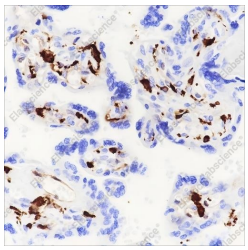
Data



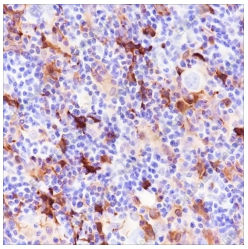
Western Blot with Factor XIIIa Monoclonal Antibody at dilution of 1:1000. Lane 1: Human plasma

Observed-MW:80 kDa

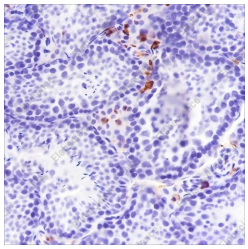
Calculated-MW:83 kDa



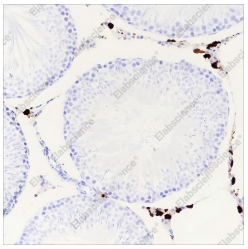
Immunohistochemistry of paraffin-embedded Human placenta using Factor XIIIa Monoclonal Antibody at dilution of 1:1000.

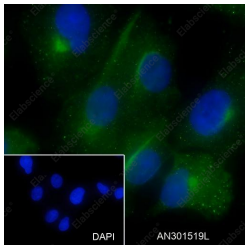


Immunohistochemistry of paraffin-embedded Human Hodgkin lymphoma using Factor XIIIa Monoclonal Antibody at dilution of 1:100.

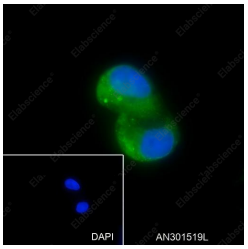


Immunohistochemistry of paraffin-embedded Mouse testis using Factor XIIIa Monoclonal Antibody at dilution of 1:100.





Immunohistochemistry of paraffin-embedded Rat testis using Factor XIIIa Monoclonal Antibody at dilution of 1:100.



Immunofluorescent analysis of (4% Paraformaldehyde) fixed MCF-7 cells using anti-Factor XIIIa Monoclonal Antibody at dilution of 1:50.

Immunofluorescent analysis of (4% Paraformaldehyde) fixed A549 cells using anti-Factor XIIIa Monoclonal Antibody at dilution of 1:50.

Preparation & Storage

Storage	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping	Ice bag

Background

Factor XIII (Factor XIII) is the last protease activated in the coagulation cascade. Coagulation factor XIII is composed of 2 A subunits (F13A) with catalytic function and 2 non-catalytic B subunits (F13B). Coagulation factor XIII is the zymogen of fibrin ligase, which is a kind of transglutaminase, which can catalyze the formation of γ-glutamyl-ε-lysine cross-linking reaction between fibrin chains, thereby stabilizing the fibrin clot. Therefore, factor XIII plays an important role in maintaining hemostasis.

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