

Recombinant Factor XIIIa Monoclonal Antibody

catalog number: **AN301519L**

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

Description

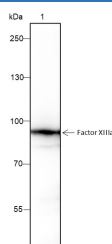
Reactivity	Human;Rat;Mouse
Immunogen	Recombinant human Factor XIIIa fragment
Host	Rabbit
Isotype	IgG, κ
Clone	A218
Purification	Protein A purified
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

Recommended Dilution

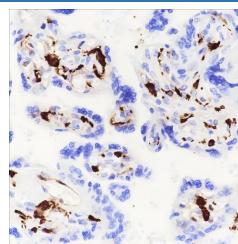
WB	1:500-1:1000
IHC	1:100-1:500
IF	1:50

Data

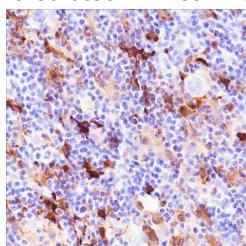


Western Blot with Factor XIIIa Monoclonal Antibody at dilution of 1:1000. Lane 1: Human plasma

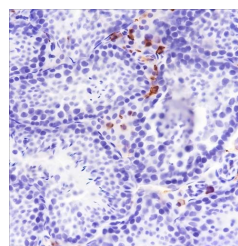
Observed-MW:80 kDa
Calculated-MW:83 kDa



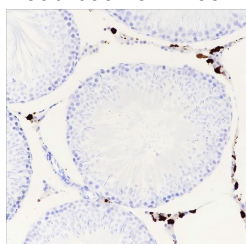
Immunohistochemistry of paraffin-embedded Human placenta using Factor XIIIa Monoclonal Antibody at dilution of 1:1000.



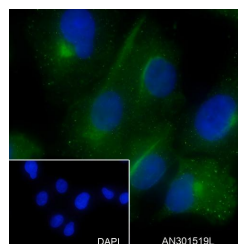
Immunohistochemistry of paraffin-embedded Human Hodgkin lymphoma using Factor XIIIa Monoclonal Antibody at dilution of 1:100.



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



Immunohistochemistry of paraffin-embedded Rat testis using Immunofluorescent analysis of (4% Paraformaldehyde) fixed Factor XIIIa Monoclonal Antibody at dilution of 1:100.



A549 cells using anti-Factor XIIIa Monoclonal Antibody at dilution of 1:50.

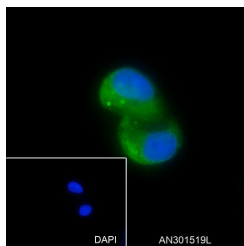
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Immunofluorescent analysis of (4% Paraformaldehyde) fixed MCF-7 cells using anti-Factor XIIIa Monoclonal Antibody at dilution of 1:50.

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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