

**Factor XIIIa**  
**Mouse Monoclonal antibody(Mab)**  
**Catalog # AD80385**

## Specification

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### Factor XIIIa - Product info

Application	IHC-P, IHC
Primary Accession	<a href="#">P00488</a>
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Calculated MW	83268

### Factor XIIIa - Additional info

Gene ID	2162
Gene Name	F13A1

#### Other Names

Coagulation factor XIII A chain, Coagulation factor XIIIa, 2.3.2.13, Protein-glutamine gamma-glutamyltransferase A chain, Transglutaminase A chain, F13A1, F13A

#### Dilution

IHC-P~~Ready-to-use  
IHC~~Ready-to-use

#### Storage

#### Precautions

**This product is stored at 2-134 °C, please use it within the expiration date.**  
**Factor XIIIa Antibody is for research use only and not for use in diagnostic or therapeutic procedures.**

### Factor XIIIa - Protein Information

#### Name F13A1

Synonyms  
Function

#### F13A

**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.**

#### Cellular Location

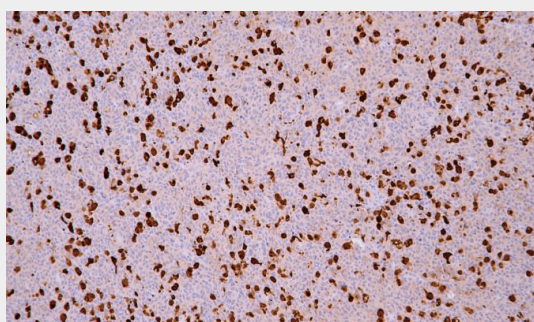
**Cytoplasm. Secreted. Note=Secreted into the blood plasma Cytoplasmic in most tissues, but also secreted in the blood plasma**

## Factor XIIIa - Protocols

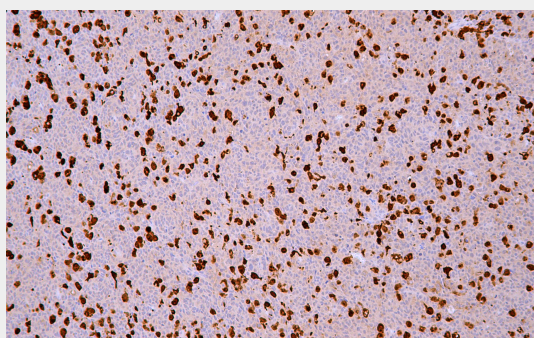
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

## Factor XIIIa - Images



Malignant melanoma



Immunohistochemical analysis of paraffin-embedded human malignant melanoma tissue using AD80385 performed on the Abcarta® FAIP-30 Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a EDTA buffer (pH9.0). Samples were incubated with primary antibody (Ready-to-use) for 15 min at room temperature. AmpSee™ Detection Systems [Abcepta:AR005] was used as the secondary antibody.