

Factor XIIIa monoclonal antibody

Catalog: MB66006

Host: Mouse

Reactivity: Human

BackGround:

Factor XIIIa, or fibrin stabilizing factor, is activated by thrombin and Ca^{2+} to a protransglutaminase in the final step of the blood coagulation cascade that cross-links fibrin chains. This enzyme catalyzes the gamma-glutamyl-epsilon-lysine cross-linking between fibrin molecules, stabilizing the fibrin clot. It is widely expressed in dermal dendritic cells. High expression of Factor XIIIa positive cells can be indicative of inflammatory conditions such as lichen planus and psoriasis.

Product:

Mouse IgG2a. Liquid in PBS containing 50% glycerol, 0.2% BSA and 0.01% sodium azide.

Molecular Weight:

~ 83 kDa

Swiss-Prot:

P00488

Purification&Purity:

The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

IHC (1/100 - 1/300)

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

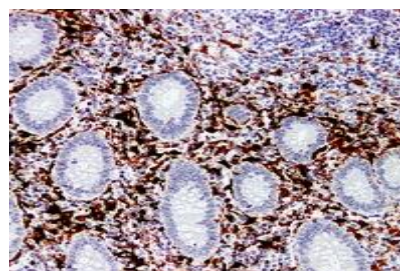
Specificity:

Recognizes endogenous levels of Factor XIIIa protein.

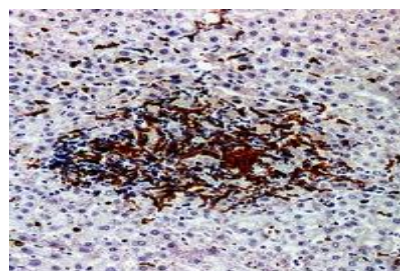
DATA:



Immunohistochemical analysis of Factor XIIIa staining in human malignant fibrous histiocytoma formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



Immunohistochemical analysis of Factor XIIIa staining in human appendix formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



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PRODUCT DATA SHEET

Bioworld Technology, Inc.

Immunohistochemical analysis of Factor XIIIa staining in human liver formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Note:

For research use only, not for use in diagnostic procedure.

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