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36-2270: Anti-Factor XIIIa (Coagulation Factor XIIIA Chain) Monoclonal Antibody(Clone: SPM180)

Clonality: Monoclonal Clone Name: SPM180

Application: ELISA,FACS,IF,WB,IHC

Reactivity: Human
Gene: F13A1
Gene ID: 2162
Uniprot ID: P00488

Coagulation factor XIII A chain; Coagulation factor XIII A1 polypeptide; Coagulation factor XIIIa;

Alternative Name:

F13A; F13a1; Factor XIIIA; Fibrin stabilizing factor, A subunit; Fibrinoligase; FSF, A subunit;

Pretain glutaming gamma glutamyltransforace A shain; TCase; Transglutaminase A shain;

Protein-glutamine gamma-glutamyltransferase A chain; TGase; Transglutaminase A chain;

Transglutaminase. plasma

Isotype: Mouse IgG2b, kappa

Immunogen Information: Recombinant fragment of human Factor XIIIa protein (aa46-181) (exact sequence is

proprietary)

Description

It recognizes a protein of 83kDa, which is identified as Factor XIIIa. It has been identified in platelets, megakaryocytes, and fibroblast-like mesenchymal or histiocytic cells in the placenta, uterus, and prostate, monocytes and macrophages and dermal dendritic cells. Anti-factor XIIIa has been found to be useful in differentiating between dermatofibroma (almost all cases are positive), dermatofibrosarcoma protuberans (-/+) and desmoplastic malignant melanoma (-). Anti-factor XIIIa positivity is also seen in capillary hemagioblastoma, hemangioendothelioma, hemangiopericytoma, xanthogranuloma, xanthoma, hepatocellular carcinoma, glomus tumor, and meningioma.

Product Info

Amount: 20 μg / 100 μg

Content: 200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS

with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage condition : Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody

is stable for 24 months. Non-hazardous.

Application Note

ELISA (Use Ab at 2-4ug/ml for coating) (Order Ab without BSA); Flow Cytometry (1-2ug/million cells); Immunofluorescence (1-2ug/ml); Western Blot (1-2ug/ml); Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 min at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes);



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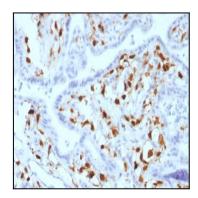


Fig. 1: Formalin-fixed, paraffin-embedded human Placenta stained with Factor XIIIa Mouse Monoclonal Antibody (SPM180).