

Factor XIIIa (Clone EP3372)

Rabbit Monoclonal Antibody

Specificity: Human. Others-not known

Immunogen: Recombinant protein corresponding to A-subunit of coagulation Factor XIII

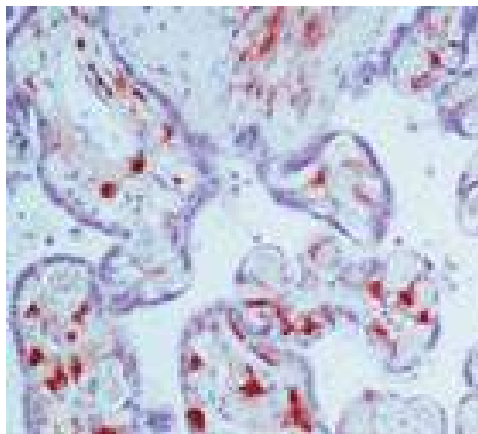
Ig Class: Rabbit IgG

Storage: Store vial at 4°C. When stored at 2-8°C, this antibody is stable for 24 months

Staining procedures: Use formalin-fixed and paraffin-embedded sections. *Retrieval conditions:* Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. *Detection methods:* Polymer anti-mouse/rabbit Ig detection system. *Working dilution:* 1:50-200; *Positive Control:* Capillary hemangioma, dermatofibroma, and placenta. *Cellular Localization:* Cytoplasmic and nuclear. *Intended Use:* In vitro diagnosis (IVD).

Description: Factor XIII in both reduced and non-reduced forms. It does not react with human Factor XIII B-chain or human Factor XII. Factor XIII is a Beta-globulin found in plasma and is composed of two subunits. Factor XIII-A is the catalytic subunit and is a dimer of M.W. 160kDa. Factor XIII is present in plasma as an alpha2Beta2 heterodimer (M.W. 320kDa); whereas in platelets, only the alpha2 unit exists. Factor XIIIa is a dermal dendrocyte marker and shows variable reaction with these types of tumors. It can be used for histiocytic phenotyping and has been reported to mark capillary hemangiomas and tumors of the central nervous system. Factor XIII has also been used with CD34 to differentiate between dermatofibroma and dermatofibrosarcoma protuberans.

Supplied As: Purified antibody with 0.2% BSA and 15mM sodium azide.



Formalin-fixed, paraffin-embedded human placenta stained with anti-Factor XIIIa antibody using peroxidase-conjugate and AEC chromogen. Note the cytoplasmic staining of fibroblasts and macrophages

Cat. #Z2132 (1.0 ml)