Factor XIIa (Clone EP3372)
Rabbit Monoclonal Antibody

**Specificity:** Human. Others-not-known

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

**Ig Class:** IgG

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


**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.

**Intended Use:** This antibody is intended for in vitro diagnostic (IVD) use. Factor XIIa (clone EP3372) rabbit monoclonal primary antibody is intended for laboratory use in the detection of factor XIIa in formalin-fixed, paraffin-embedded tissue by immunohistochemical (IHC) staining. The staining results should be interpreted by qualified pathologists in conjunction with the patient’s relevant clinical history.

**Supplied As:** Purified antibody in Tris-HCl buffer containing stabilizing protein and <0.1% sodium azide.

**References:**

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

**Z2132 (1.0 ml) (Concentrate)**