

**Factor XIIIa clone F13A1/1447**  
Mouse Monoclonal Antibody

**Instructions For Use**

**Specification:**

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 (-).

Catalog No.	Contents	Volume
ILM1448-C01	Factor XIIIa clone F13A1/1447	0,1 ml concentrate
ILM1448-C05	Factor XIIIa clone F13A1/1447	0,5 ml concentrate
ILM1448-C1	Factor XIIIa clone F13A1/1447	1,0 ml concentrate

**Intended use:** For Research Use Only

**Reactivity:** Human, others not known

**Clone:** F13A1/1447

**Species of origin:** Mouse

**Isotype:** IgG2a $\lambda$

**Human Entrez Gene ID:** 2162

**Human Unigene:** 335513

**Human Chromosome location:** 6p25.3-p24.3

**Control tissue:** Placenta and 293T cells

**Staining:** Cytoplasmic and secreted

**Presentation:** Purified antibody from Bioreactor concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% Azide.

**Immunogen:** Recombinant fragment of human Factor XIIIa protein

**Application and suggested dilutions:**

Heat induced epitope retrieval in 10 mM citrate buffer, pH6.0, for 20 minutes is required for IHC staining on formalin-fixed, paraffin embedded tissue sections.

- Paraffin embedded tissue section, dilution up to
- ELISA
- Flow Cytometry (1-2ug/million cells)
- Immunofluorescence (11-2ug/ml)

The optimal dilution for a specific application should be determined by the investigator.

**Note:** Dilution of the antibody in 10% normal goat serum followed by a goat anti-Mouse secondary antibody-based detection is recommended.

**Storage & Stability:** Store at 2-8 °C. Do not use after expiration date printed on the vial.

**References:**

- 1) Davie EW. Et al. 1991. The coagulation cascade: Initiation maintenance and regulation. Biochemistry 30: 10363-10370