Factor XIIIa (Coagulation Factor XIIIA Chain) Antibody

Mouse Monoclonal Antibody [Clone SPM180]

Catalog No	Format	Size
2162-MSM2X-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
2162-MSM2X-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
2162-MSM2X-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

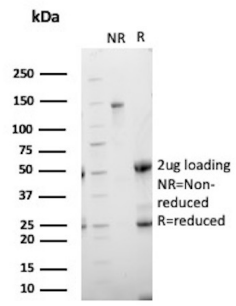
Applications	Tested Dillution	Note
Flow Cytometry (Flow)	1-2ug/million cells	
Immunofluorescence (IF)	1-3ug/ml	
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

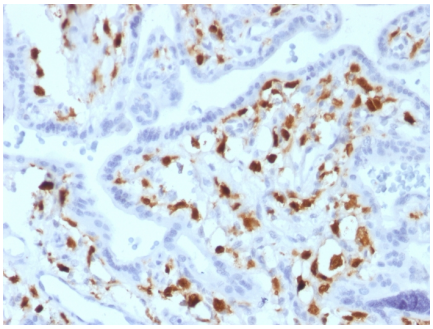
Clone	SPM180
Gene Name	F13A1
Immunogen	Recombinant fragment of human Factor XIIIa protein (aa46-181) (exact sequence is proprietary)
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG2b / Kappa
Mol. Weight of Antigen	83kDa
Cellular Localization	Cytoplasm, Secreted
Species Reactivity	Human
Positive Control	293T cells. Placenta.

**Optimal dilution for a specific application should be determined.*

Product Images for Factor XIIIa (Coagulation Factor XIIIA Chain) Antibody



SDS-PAGE Analysis of Purified F13A1 Mouse Monoclonal Antibody (SPM180). Confirmation of Purity and Integrity of Antibody



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

Specificity & Comments

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.

Supplied As

200ug/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 and Stability

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. No MSDS required.

Research Areas

Cardiovascular, Complement System, Cytokine Signaling, Immunology

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.