

Product Datasheet

Factor XIIIa Antibody (SPM180)

NBP2-53238-100ug

Unit Size: 100 ug

Store at 4C.

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NBP2-53238-100ug

Factor XIIIa Antibody (SPM180)

Product Information	
Unit Size	100 ug
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	SPM180
Preservative	0.05% Sodium Azide
Isotype	IgG2b Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	83 kDa

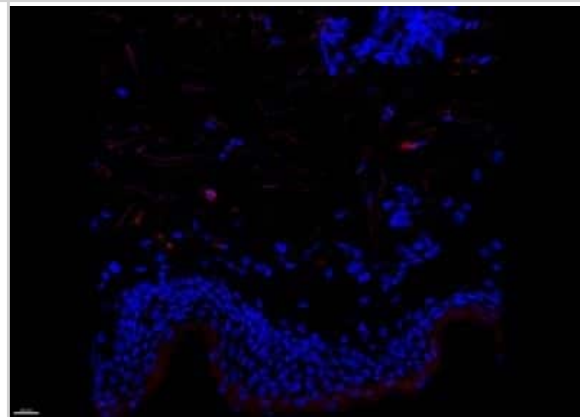
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-54480) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
Host	Mouse
Gene ID	2162
Gene Symbol	F13A1
Species	Human
Specificity/Sensitivity	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 hemangioblastoma, hemangioendothelioma, hemangiopericytoma, xanthogranuloma, xanthoma, hepatocellular carcinoma, glomus tumor, and meningioma.
Immunogen	Recombinant fragment of human Factor XIIIa protein (aa46-181) (exact sequence is proprietary) (Uniprot: P00488)

Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1-2 ug/ml, Flow Cytometry 1-2 ug/million cells, ELISA 2-4 ug/ml, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml, Immunohistochemistry-Frozen
Application Notes	ELISA: Use Ab at 2-4ug/ml for coating. Order Ab without BSA. 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 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

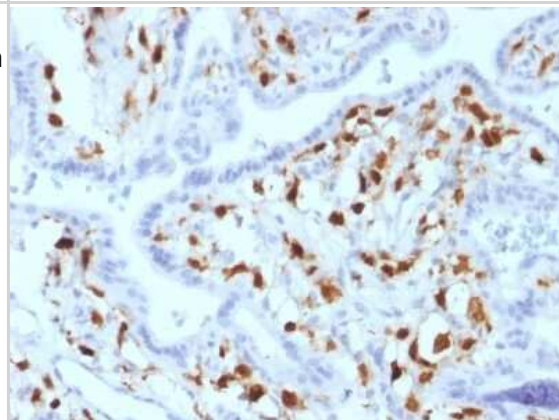


Images

Immunohistochemistry-Frozen: Factor XIIIa Antibody (SPM180) [NBP2-53238] - Human skin section stained for FXIIIa+ interstitial dendritic cells (red) and counter-stained with DAPI (blue). Image from a verified customer review. Analysis using the Alexa-Fluor(R)-488 conjugated antibody.



Immunohistochemistry-Paraffin: Factor XIIIa Antibody (SPM180) [NBP2-53238] - Formalin-fixed, paraffin-embedded human Placenta stained with Factor XIIIa Mouse Monoclonal Antibody (SPM180).



Publications

Song M, Fitch ZW, Samy KP et al. Coagulation, inflammation, and CD46 transgene expression in neonatal porcine islet xenotransplantation Xenotransplantation 2021-02-22 [PMID: 33619844] (IHC-P)



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Products Related to NBP2-53238-100ug

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43317-0.5mg	Mouse IgG2b Kappa Light Chain Isotype Control (MG2b)
NBP1-83938PEP	Factor XIIIa Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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