

Datasheet for ABIN6939361
anti-F13A1 antibody (AA 46-181)

4 Images

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Overview

Quantity:	100 µg
Target:	F13A1
Binding Specificity:	AA 46-181
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This F13A1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF), Flow Cytometry (FACS), Coating (Coat), Staining Methods (StM)

Product Details

Immunogen:	Recombinant fragment of human Factor XIIIa protein (aa46-181) (exact sequence is proprietary)
Clone:	F13A1-1448
Isotype:	IgG2b kappa
Specificity:	The specificity of this monoclonal antibody to its intended target was validated by HuProt™ Array, containing more than 19,000, full-length human proteins. It recognizes a protein of 83 kDa, 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),

Product Details

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.

Purification: Purified by Protein A/G

Target Details

Target: F13A1

Alternative Name: F13A1 ([F13A1 Products](#))

Molecular Weight: 83kDa

Gene ID: 2162

UniProt: [P00488](#)

Application Details

Application Notes: Positive Control: 293T cells. Placenta.
Known Application: ELISA (Use Ab at 2-4 µg/mL for coating) (Order Ab without BSA), Flow Cytometry (0.5-1 µg/million cells), Immunofluorescence (0.5-1 µg/mL), Western Blot (0.5-1.0 µg/mL), Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 min at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.

Restrictions: For Research Use only

Handling

Concentration: 200 µg/mL

Buffer: 10 mM PBS with 0.05 % BSA & 0.05 % azide.

Preservative: Sodium azide

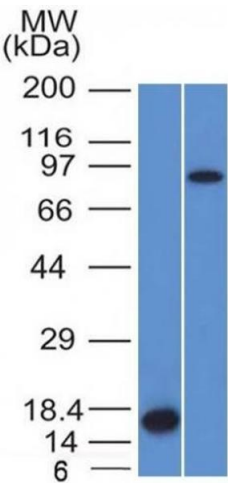
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -80 °C

Storage Comment: Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody

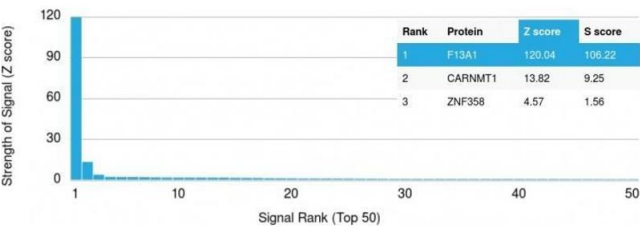
is stable for 24 months. Non-hazardous. No MSDS required.

Expiry Date: 24 months



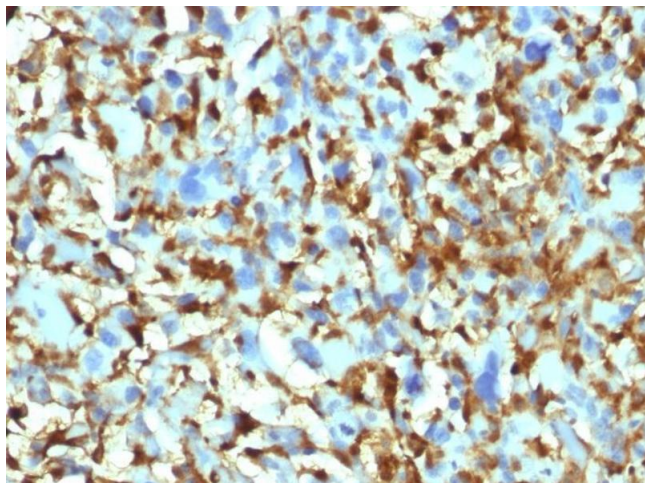
Western Blotting

Image 1. Western Blot Analysis of Recombinant Protein and HeLa cell lysate using Factor XIIIa Mouse Monoclonal Antibody (F13A1/1448).



Protein Array

Image 2. Analysis of Protein Array containing more than 19,000 full-length human proteins using Factor XIIIa Mouse Monoclonal Antibody (F13A1/1448) Z- and S- Score: The Z-score represents the strength of a signal that a monoclonal antibody (MAb) (in combination with a fluorescently-tagged anti-IgG secondary antibody) produces when binding to a particular protein on the HuProtTM array. Z-scores are described in units of standard deviations (SD's) above the mean value of all signals generated on that array. If targets on HuProtTM are arranged in descending order of the Z-score, the S-score is the difference (also in units of SD's) between the Z-score. S-score therefore represents the relative target specificity of a MAb to its intended target. A MAb is considered to specific to its intended target, if the MAb has an S-score of at least 2.5. For example, if a MAb binds to protein X with a Z-score of 43 and to protein Y with a Z-score of 14, then the S-score for the binding of that MAb to protein X is equal to 29.



Immunohistochemistry

Image 3. Formalin-fixed, paraffin-embedded human Histiocytoma stained with Factor XIIIa Mouse Monoclonal Antibody (F13A1/1448).

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN6939361.