Datasheet for ABIN6940606

anti-Fascin antibody

5 Images

Go to Product page

Overview

Quantity:	100 µg
Target:	Fascin (FSCN1)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Fascin antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunofluorescence (IF), Staining Methods (StM)

Product Details

Immunogen:	Full length recombinant human FSCN1 protein
Clone:	FSCN1-416
Isotype:	IgG2a kappa
Specificity:	Recognizes a protein of 55 kDa, which is identified as fascin-1. Its actin binding ability is regulated by phosphorylation. Antibody to fascin-1 is a very sensitive marker for Reed-Sternberg cells and variants in nodular sclerosis, mixed cellularity, and lymphocyte depletion Hodgkin's disease. It is uniformly negative in lymphoid cells, plasma cells, and myeloid cells. Fascin-1 is also expressed in dendritic cells. This marker may be helpful to distinguish between Hodgkin lymphoma and non-Hodgkin lymphoma in difficult cases. Also, the lack of expression of fascin-1 in the neoplastic follicles in follicular lymphoma may be helpful in distinguishing these lymphomas from reactive follicular hyperplasia in which the number of follicular dendritic cells is normal or increased. Antibody to fascin-1 has been suggested as a prognostic marker in

Product Details

	neuroendocrine neoplasms of the lung as well as in ovarian cancer. Fascin-1 expression may be induced by Epstein-Barr virus (EBV) infection of B cells with the possibility that viral induction of fascin in lymphoid or other cell types must also be considered in EBV-positive cases.
Purification:	Purified by Protein A/G

Target Details

Target:	Fascin (FSCN1)
Alternative Name:	FSCN1 (FSCN1 Products)
Molecular Weight:	55kDa
Gene ID:	6624
UniProt:	Q16658

Application Details

Application Notes:	Positive Control: K562, HeLa, MCF-7, PC-3 or BEWO cells. Hodgkin's lymphoma, Ovarian or Testicular Carcinoma. Known Application: Flow Cytometry (0.5-1 µg/million cells), Immunofluorescence (1-2 µg/mL), Immunohistochemistry (Formalin-fixed) (0.5-1.0 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 1 mM EDTA, pH 8.0, 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

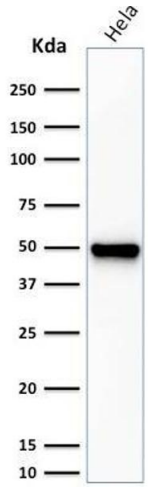
Handling

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.

Handling

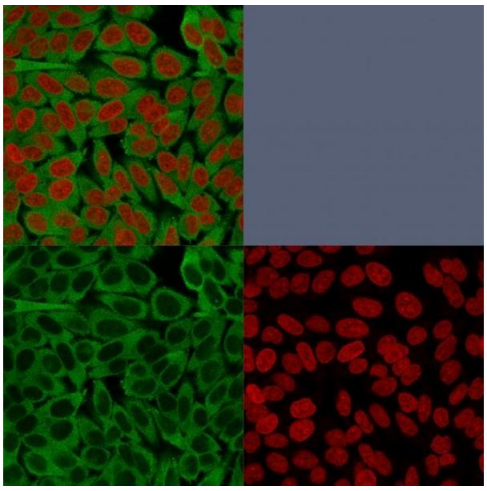
Expiry Date:	24 months

Images



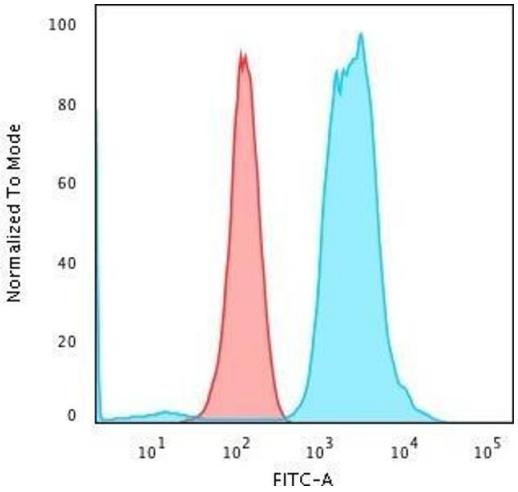
Western Blotting

Image 1. Western Blot Analysis of HeLa cell lysate using Fascin-1 Mouse Monoclonal Antibody (FSCN1/416).



Immunofluorescence

Image 2. Confocal immunofluorescence image of HeLa cells using Fascin-1 Mouse Monoclonal Antibody (FSCN1/416). Green (CF488) and Reddot is used to label the nuclei Red.



Flow Cytometry

Image 3. Flow Cytometric Analysis of PFA-fixed K562 cells using Fascin-1 Mouse Monoclonal Antibody (FSCN1/416) followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red)

Please check the product details page for more images. Overall 5 images are available for ABIN6940606.