

Mouse anti-Human Fascin-1 Monoclonal Antibody | anti-FSCN1 antibody

Fascin-1 (Reed-Sternberg Cell Marker) Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62794	Mouse	Human	Immunohistochemistry, Western Blot, Immunofluorescence, Flow Cytometry, Functional Assay

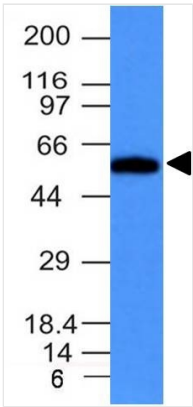
PRODUCT SYNONYMS

Fascin-1; Monoclonal Antibody; Fascin-1 (Reed-Sternberg Cell Marker) Mouse Monoclonal Antibody; 55kDa actin-bundling protein; FAN1; Fascin homolog 1; Fascin1; FSCN1; HSN; p55; Singed (Drosophila) like (sea urchin fascin homolog like); SNL; anti-FSCN1 antibody

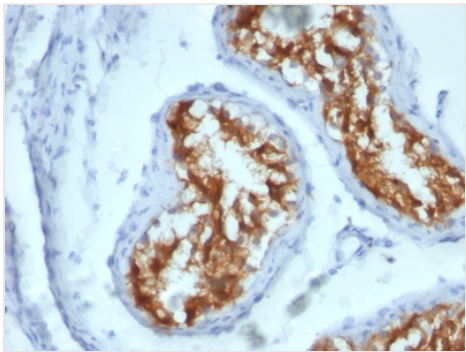
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG2a, kappa
Clone Number	FSCN1/417
Specificity	Recognizes a protein of 55kDa, 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 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.
Form/Format	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.
Sequence Length	493
Applicable Applications for anti-FSCN1 antibody	IHC (Immunohistochemistry), WB (Western Blot), IF (Immunofluorescence), FCM/FACS (Flow Cytometry)
Cellular Localization	Cytoplasmic
Immunogen	Full length recombinant human FSCN1 protein
Hu-Chromosome Location	7p22.1
Positive Control	HeLa, MCF-7, PC-3 or BEWO cells. Hodgkin's lymphoma, Ovarian or Testicular Carcinoma.
Preparation and Storage	Antibody with azide - store at 2 to 8 degree C. Antibody without azide - store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

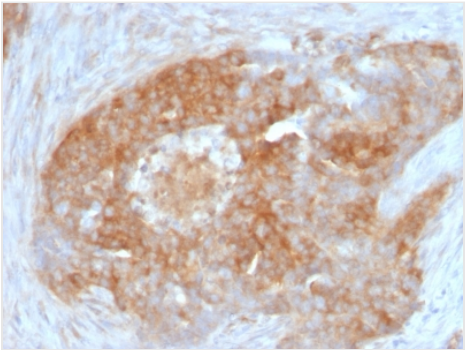
IMAGES



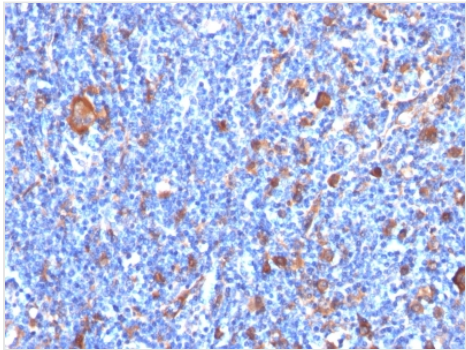
WB (Western Blot)
Western Blot of HeLa Cell Lysate using Fascin-1 Monoclonal Antibody (FSN1/417)



IHC (Immunohistochemisry)
Formalin-fixed, paraffin-embedded human Testicular Carcinoma stained with Fascin-1 Monoclonal Antibody (FSCN1/417)



IHC (Immunohiostchemistry)
Formalin-fixed, paraffin-embedded human Ovarian Carcinoma stained with Fascin-1 Monoclonal Antibody (FSCN1/417)



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Hodgkin's Lymphoma stained with Fascin-1 Monoclonal Antibody (FSCN1/417)

ADDITIONAL INFORMATION

References	Yamashiro-Matsumura S and Matsumura F. J Biol Chem 1985; 260(8): 5087. Yamashro-Matsumura S and Matsumura F. J Cell Biol 1986; 103:631. Duh F-M, et al. DNA Cell Biol 1994; 13(8):821
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4507115
NCBI GeneID	6624
NCBI Accession #	NP_003079.1
NCBI GenBank Nucleotide #	NM_003088.3
UniProt Accession #	Q16658; Q96IC5; Q96IH1; Q9BRF1; A6NI89; B2RE97
Molecular Weight	55kDa
NCBI Official Full Name	fascin
NCBI Official Synonym Full Names	fascin actin-bundling protein 1
NCBI Official Symbol	FSCN1
NCBI Official Synonym Symbols	HSN; SNL; p55; FAN1
NCBI Protein Information	fascin
UniProt Protein Name	Fascin

UniProt Gene Name	FSCN1
UniProt Synonym Gene Names	FAN1; HSN; SNL
UniProt Entry Name	FSCN1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/fascin-1-antibody-clone-fscn1-417-immunohistochemistry-western-blot-immunofluorescence-flow-cytometry-elisa/62794>