

Product Datasheet

Fascin Antibody (FSCN1/417)

NBP2-44383-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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NBP2-44383-0.1mg

Fascin Antibody (FSCN1/417)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	FSCN1/417
Preservative	0.05% Sodium Azide
Isotype	IgG2a Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Target Molecular Weight	55 kDa

Product Description	
Description	<p>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. (NBP2-47801)</p> <p>Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.</p>
Host	Mouse
Gene ID	6624
Gene Symbol	FSCN1
Species	Human
Marker	Reed-Sternberg Cell Marker
Specificity/Sensitivity	<p>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 Hodgkins 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.</p>
Immunogen	Full length recombinant human Fascin protein (Uniprot: Q16658)

Product Application Details	
Applications	Western Blot, Simple Western, Flow Cytometry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1-2 ug/ml, Simple Western 10 ug/ml, Flow Cytometry 1-2 ug/million cells, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1-2 ug/ml, Immunohistochemistry-Paraffin 1-2 ug/ml

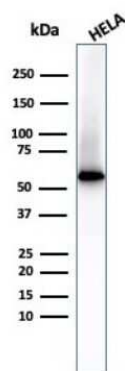


Application Notes

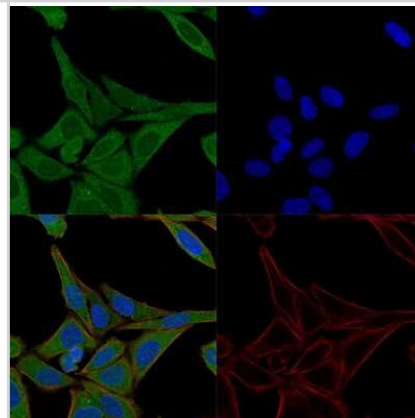
Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined. In Simple Western only 10 - 15 uL of the recommended dilution is used per data point. See [Simple Western Antibody Database](#) for Simple Western validation: Tested in HeLa lysate, separated by Size, antibody dilution of 10 ug/mL, apparent MW was 61 kDa.

Images

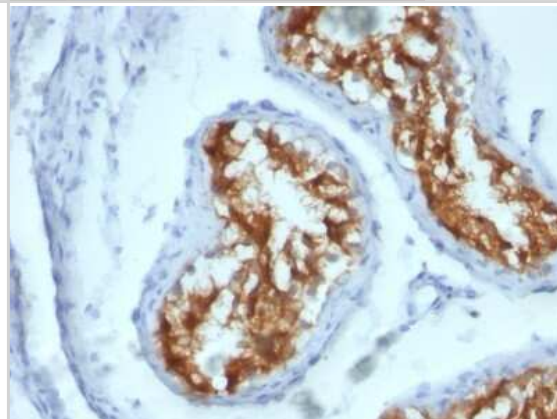
Western Blot: Fascin Antibody (FSCN1/417) [NBP2-44383] - Western Blot of HeLa cell lysate Using Fascin antibody (FSCN1/417)



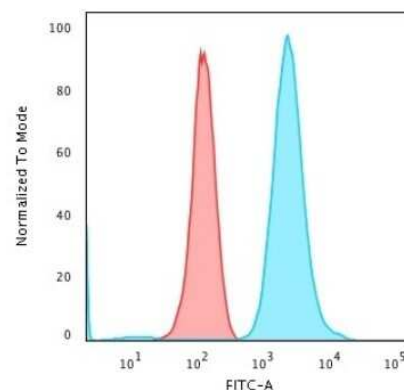
Immunocytochemistry/Immunofluorescence: Fascin Antibody (FSCN1/417) [NBP2-44383] - Immunofluorescence Analysis of HeLa cells labeling Fascin with Fascin Antibody (FSCN1/417)-CF640 (Green). The nuclear counterstain is Hoescht (Blue). Membrane is Phalloidin 488 (Red) .



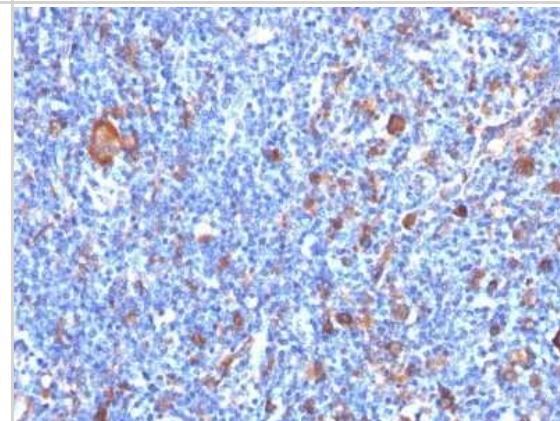
Immunohistochemistry-Paraffin: Fascin Antibody (FSCN1/417) [NBP2-44383] - Human Testicular Carcinoma stained with Fascin-1 Monoclonal Antibody (FSCN1/417)



Flow Cytometry: Fascin Antibody (FSCN1/417) [NBP2-44383] - Flow Cytometric Analysis of PFA-fixed K562 cells using Fascin Antibody (FSCN1/417) followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red)



Immunohistochemistry-Paraffin: Fascin Antibody (FSCN1/417) [NBP2-44383] - Human Hodgkin's Lymphoma stained with Fascin-1 Monoclonal Antibody (FSCN1/417)



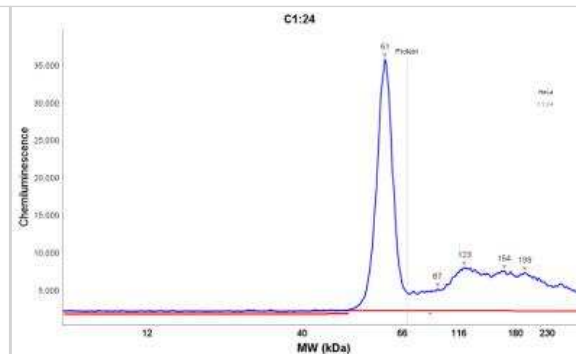
Immunohistochemistry-Paraffin: Fascin Antibody (FSCN1/417) [NBP2-44383] - Human Ovarian Carcinoma stained with Fascin-1 Monoclonal Antibody (FSCN1/417)



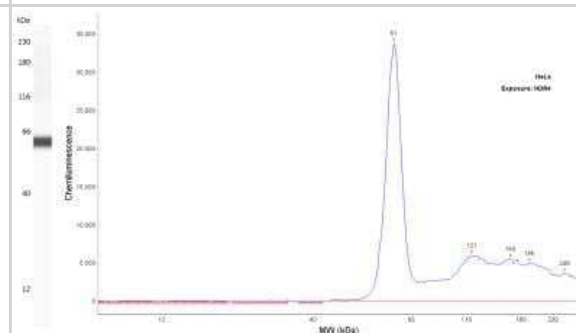
Simple Western: Fascin Antibody (FSCN1/417) [NBP2-44383] - Simple Western lane view shows a specific band for Fascin in 0.2 mg/ml of HeLa lysate(s). This experiment was performed under reducing conditions using the 12-230 kDa separation system.



Simple Western: Fascin Antibody (FSCN1/417) [NBP2-44383] - Electropherogram image of the corresponding Simple Western lane. Fascin antibody was used at 10 ug/ml dilution of HeLa lysates(s) respectively.



Simple Western: Fascin Antibody (FSCN1/417) [NBP2-44383] - Lane view shows a specific band for Fascin / FSCN1 in HeLa cell lysate using 10 ug/mL antibody dilution. Electropherogram image of corresponding Simple Western lane view at WES molecular weight of 61 kDa. Image from an internal validation.



Simple Western: Fascin Antibody (FSCN1/417) [NBP2-44383] - Simple Western lane view shows a specific band for Fascin in 0.2 mg/ml of HeLa lysate(s). This experiment was performed under reducing conditions using the 12-230 kDa separation system.





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Products Related to NBP2-44383-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96981-0.5mg	Mouse IgG2a Kappa Isotype Control (M2AK)
NBP1-45313-0.1mg	Recombinant Human Fascin His Protein

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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