

Product Datasheet

Fascin Antibody (FSCN1/417) - IHC-Prediluted NBP2-48311

Unit Size: 7 ml

Store at 4C.

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NBP2-48311

Fascin Antibody (FSCN1/417) - IHC-Prediluted

Product Information	
Unit Size	7 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
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

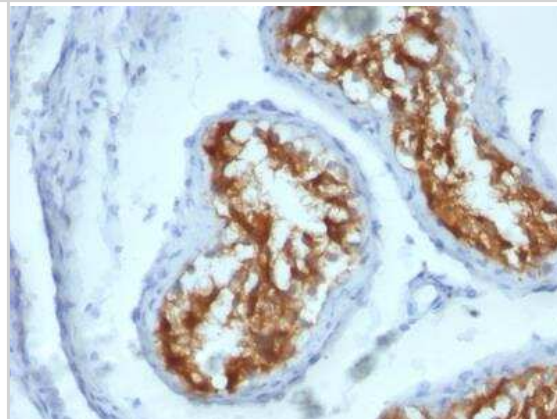
Product Description	
Description	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining.
Host	Mouse
Gene ID	6624
Gene Symbol	FSCN1
Species	Human
Marker	Reed-Sternberg Cell Marker
Specificity/Sensitivity	Recognizes 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.
Immunogen	Full length recombinant human Fascin protein (Uniprot: Q16658)

Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin
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.

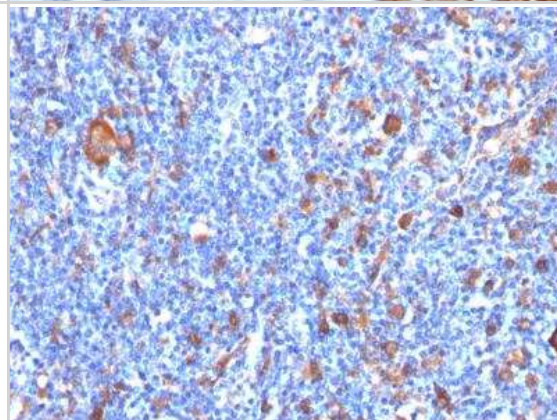


Images

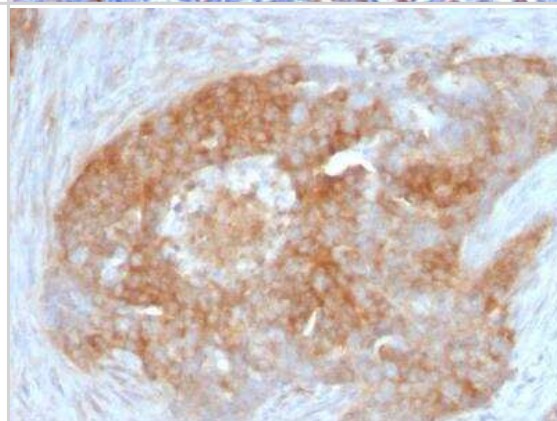
Immunohistochemistry-Paraffin: Fascin Antibody (FSCN1/417) - IHC-Prediluted [NBP2-48311] - Formalin-fixed, paraffin-embedded human Testicular Carcinoma stained with Fascin-1 Mouse Monoclonal Antibody (FSCN1/417)



Immunohistochemistry-Paraffin: Fascin Antibody (FSCN1/417) - IHC-Prediluted [NBP2-48311] - Formalin-fixed, paraffin-embedded human Hodgkin's Lymphoma stained with Fascin-1 Mouse Monoclonal Antibody (FSCN1/417)



Immunohistochemistry-Paraffin: Fascin Antibody (FSCN1/417) - IHC-Prediluted [NBP2-48311] - Formalin-fixed, paraffin-embedded human Ovarian Carcinoma stained with Fascin-1 Mouse Monoclonal Antibody (FSCN1/417)





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Products Related to NBP2-48311

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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