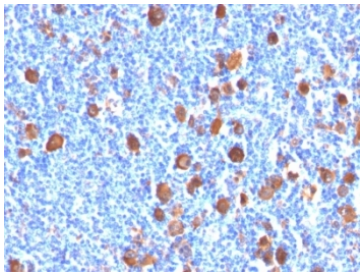
Fascin Antibody [clone FSCN1/416] (V2862)

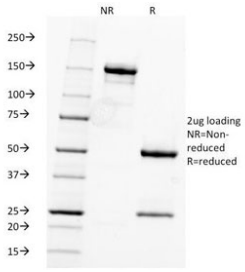
Catalog No.	Formulation	Size
V2862-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2862-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2862SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2862IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a, kappa
Clone Name	FSCN1/416
Purity	Protein G affinity chromatography
UniProt	Q16658
Localization	Cytoplasmic
Applications	Flow cytometry: 0.5-1ug/10^6 cells Immunofluorescence: 1-2ug/ml Immunohistochemistry (FFPE): 0.5-1ug/ml for 30 min at RT
Limitations	This Fascin antibody is available for research use only.



IHC: Formalin-fixed, paraffin-embedded human Hodgkin's lymphoma stained with Fascin antibody (FSCN1/416)



SDS-PAGE Analysis of Purified, BSA-Free Fascin Antibody (clone FSCN1/416). Confirmation of Integrity and Purity of the Antibody.

Description

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.

Application Notes

Optimal dilution of the Fascin antibody should be determined by the researcher.

1. Staining of formalin-fixed tissues requires boiling tissue sections in 1mM EDTA, pH 8.0, for 10-20 min followed by cooling at RT for 20 min.
2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

Full length recombinant human protein was used as the immunogen for the Fascin antibody.

Storage

Store the Fascin antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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