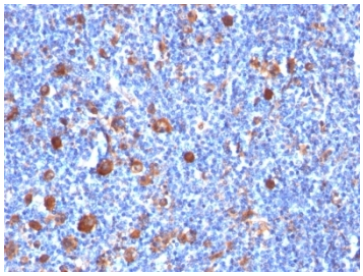
Fascin Antibody [clone SPM133] (V2864)

Catalog No.	Formulation	Size
V2864-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V2864-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V2864SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V2864IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

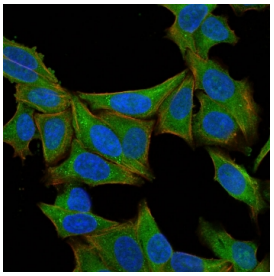
Citations (5)

Bulk quote request

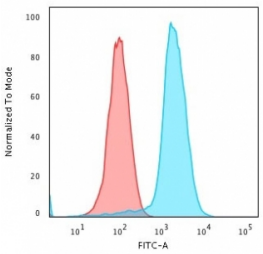
Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a, kappa
Clone Name	SPM133
Purity	Protein G affinity chromatography
UniProt	Q16658
Localization	Cytoplasmic
Applications	Western Blot : 1-2ug/ml Flow Cytometry : 1-2ug/10^6 cells Immunofluorescence : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This Fascin antibody is available for research use only.



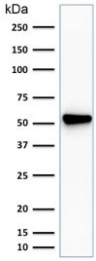
IHC analysis of formalin-fixed, paraffin-embedded human Hodgkin's lymphoma stained with Fascin antibody (clone SPM133).



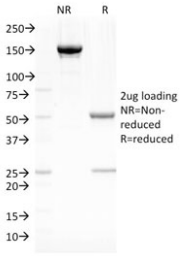
Immunofluorescent staining of permeabilized human HeLa cells with Fascin antibody (clone SPM133, green), Phalloidin (actin, red) and Hoescht (nucleus, blue).



Flow cytometry testing of PFA-fixed human K562 cells with Fascin antibody (clone SPM133); Red=isotype control, Blue= Fascin antibody.



Western blot testing of Fascin antibody and human HeLa cell lysate (clone SPM133). Predicted molecular weight ~55 kDa.



SDS-PAGE analysis of purified, BSA-free Fascin antibody (clone SPM133) as confirmation of integrity and purity.

Description

Fascin organizes filamentous actin into bundles with a minimum of 4.1:1 actin/fascin ratio. Plays a role in the organization of actin filament bundles and the formation of microspikes, membrane ruffles, and stress fibers. Important for the formation of a diverse set of cell protrusions, such as filopodia, and for cell motility and migration. [UniProt]

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 pH 9 10mM Tris with 1mM EDTA 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).