abcam

ab212841

Anti-Fascin antibody [SPM133] - BSA and Azide free

Key facts

Isotype	IgG2a
Host species	Mouse
Storage buffer	pH: 7.2 - 7.4 Constituents: PBS
Form	Liquid
Clonality	Monoclonal
Immunogen	Recombinant Full Length Protein corresponding to Human FSCN1. Database link Q16658
Carrier free	Yes
Clone number	SPM133
Purification technique	Affinity purification Protein A
Light chain type	kappa
Concentration	1 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

IHC-P

Tested

Species	Human
Dilution info	0.5-1 µg/mL
Notes	(Primary incubation for 30 minutes at RT).

Perform heat-mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol.

Predicted

Species	Mouse, Rat
Dilution info	-
Notes	-

ICC

Tested

Species	Human
Dilution info	1-2 µg/mL
Notes	-

Predicted

Species	Mouse, Rat
Dilution info	-
Notes	-

Flow Cyt

Tested

Species	Human
Dilution info	1-2 µg/mL
Notes	-

Predicted

Species	Mouse, Rat
Dilution info	-
Notes	-

WB

Tested

Species	Human
Dilution info	1-2 µg/mL
Notes	-

Predicted

Species	Mouse, Rat
Dilution info	-
Notes	-

Target data

See full target information FSCN1

Function Actin-binding protein that contains 2 major actin binding sites (PubMed:21685497, PubMed:23184945). Organizes filamentous actin into parallel bundles (PubMed:20393565, PubMed:21685497, PubMed:23184945). Plays a role in the organization of actin filament bundles and the formation of microspikes, membrane ruffles, and stress fibers (PubMed:22155786). Important for the formation of a diverse set of cell protrusions, such as filopodia, and for cell motility and migration (PubMed:20393565, PubMed:21685497, PubMed:23184945). Mediates reorganization of the actin cytoskeleton and axon growth cone collapse in response to NGF (PubMed:22155786).

Storage

Shipped at conditions	Blue Ice
Appropriate short-term storage duration	1-2 weeks
Appropriate short-term storage conditions	+4°C
Appropriate long-term storage conditions	-20°C
Aliquoting information	Upon delivery aliquot

Storage information	Avoid freeze / thaw cycle

Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

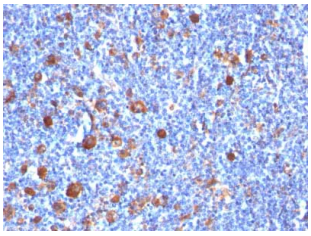
We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
Terms & Conditions.

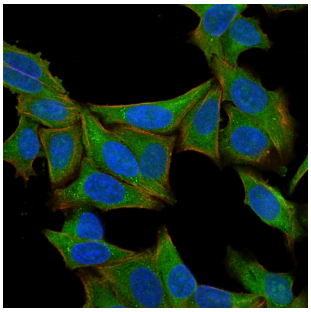
4 product images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Fascin antibody [SPM133] - BSA and Azide free (ab212841)

Fascin Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) staining using mouse Anti-Fascin antibody

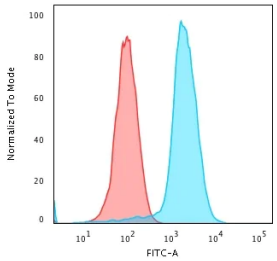
Immunohistochemical analysis of formalin-fixed, paraffin-embedded human Hodgkin's lymphoma tissue labeling Fascin with ab212841 at 1 µg/mL.



Immunocytochemistry - Anti-Fascin antibody [SPM133] - BSA and Azide free (ab212841)

Fascin Immunocytochemistry staining using mouse Anti-Fascin antibody

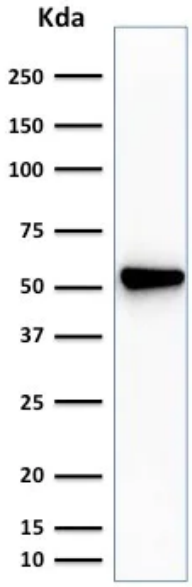
Immunofluorescence Analysis of HeLa cells labeling Fascin with Fascin-1 with ab212841 (Green). The nuclear counterstain is Hoescht (Blue). Membrane is Phalloidin 488 (Red).



Flow Cytometry - Anti-Fascin antibody [SPM133] - BSA and Azide free (ab212841)

Fascin Flow Cytometry staining using mouse Anti-Fascin antibody

Flow Cytometric Analysis of PFA-fixed K562 cells labeling Fascin-1 with ab212841 followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red).



Western blot - Anti-Fascin antibody [SPM133] - BSA and Azide free (ab212841)

All lanes:
Western blot - Anti-Fascin antibody [SPM133] - BSA and Azide free (ab212841) at 2 µg/mL

All lanes:
HeLa cell lysates

Predicted band size: 54 kDa

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.