abcam

ab212840

Anti-Fascin antibody [FSCN1/417] - 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	FSCN1/417
Purification technique	Affinity purification Protein A/G
Light chain type	kappa
Concentration	1 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →
Purification notes	ab22195 was purified from Bioreactor Concentrate by Protein A/G.

Reactivity data

IHC-P

Tested

Species	Human
Dilution info	0.5-1 µg/mL
Notes	-

ICC

Tested

Species	Human
Dilution info	-
Notes	-

Flow Cyt

Tested

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

WB

Tested

Species	Human
Dilution info	1-2 µg/mL
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

Notes

ab212840 is a carrier free version of ab220195.
Conjugation ready
Our carrier-free antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.

Use our conjugation kits for antibody conjugates that are ready-to-use in as little as 20 minutes with 1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.

Compatibility
This product is compatible with the Maxpar® Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar® is a trademark of Fluidigm Canada Inc.

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

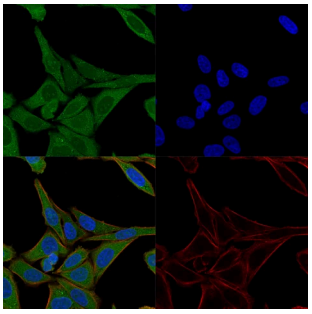
We do not recommend this combination. It is not covered by our product promise.

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.

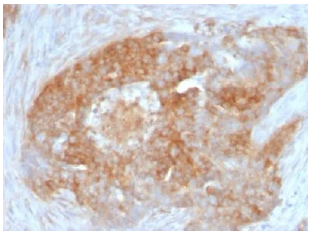
6 product images



Immunocytochemistry - Anti-Fascin antibody [FSCN1/417] - BSA and Azide free (ab212840)

Fascin Immunocytochemistry staining using mouse Anti-Fascin antibody

Immunofluorescence Analysis of HeLa cells labeling Fascin with ab212840 (Green). The nuclear counterstain is Hoescht (Blue). Membrane is Phalloidin 488 (Red) .

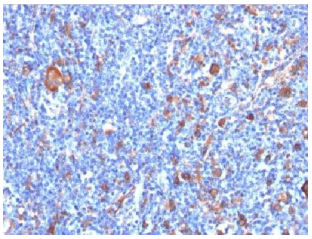


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Fascin antibody [FSCN1/417] - BSA and Azide free (ab212840)

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

Immunohistochemical analysis of formalin-fixed and paraffin-embedded Human ovarian carcinoma tissue labeling Fascin with ab220195 at 1 µg/ml dilution.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (ab220195)

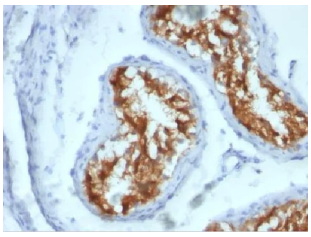


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Fascin antibody [FSCN1/417] - BSA and Azide free (ab212840)

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

Immunohistochemical analysis of formalin-fixed and paraffin-embedded Human Hodgkin's lymphoma tissue labeling Fascin with ab220195 at 1 µg/ml dilution.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (ab220195)

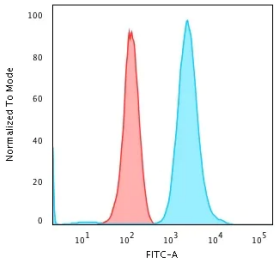


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Fascin antibody [FSCN1/417] - BSA and Azide free (ab212840)

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

Immunohistochemical analysis of formalin-fixed and paraffin-embedded Human testicular carcinoma tissue labeling Fascin with ab220195 at 1 µg/ml dilution.

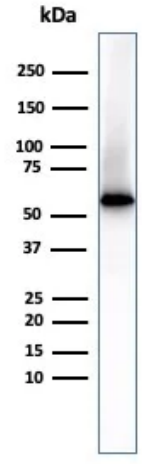
This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (ab220195)



Flow Cytometry - Anti-Fascin antibody [FSCN1/417] - BSA and Azide free (ab212840)

Fascin Flow Cytometry staining using mouse Anti-Fascin antibody

Flow Cytometric Analysis of PFA-fixed K562 cells labeling Fascin-1 with ab212840 followed by Goat anti-Mouse IgG-CF488 (Blue); Isotype Control (Red)



Western blot - Anti-Fascin antibody [FSCN1/417] - BSA and Azide free (ab212840)

All lanes:
Western blot - Anti-Fascin antibody [FSCN1/417] - BSA and Azide free (ab212840) at 2 µg/mL

All lanes:
HeLa cell lysate

Predicted band size: 54 kDa

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