

## Product datasheet

# Anti-Fascin antibody ab183891

[4 References](#) [4 Images](#)

### Overview

---

<b>Product name</b>	Anti-Fascin antibody
<b>Description</b>	Rabbit polyclonal to Fascin
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> WB, ICC/IF, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Mouse, Human
<b>Immunogen</b>	Recombinant fragment within Human Fascin aa 89-365. The exact sequence is proprietary. Database link: <a href="#">Q16658</a>
<b>Positive control</b>	Mouse ovary tissue, HCT116 cells, HeLa whole cell lysate/extract
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

### Properties

---

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.
<b>Storage buffer</b>	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 79.99% PBS, 20% Glycerol (glycerin, glycerine)
<b>Purity</b>	Immunogen affinity purified
<b>Clonality</b>	Polyclonal
<b>Isotype</b>	IgG

### Applications

---

## The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab183891 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/500 - 1/3000. Predicted molecular weight: 54 kDa.
ICC/IF		1/100 - 1/1000.
IHC-P		1/100 - 1/1000.

## Target

### Function

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.

### Tissue specificity

Ubiquitous.

### Sequence similarities

Belongs to the fascin family.

### Domain

Composed of four beta-trefoil domains.

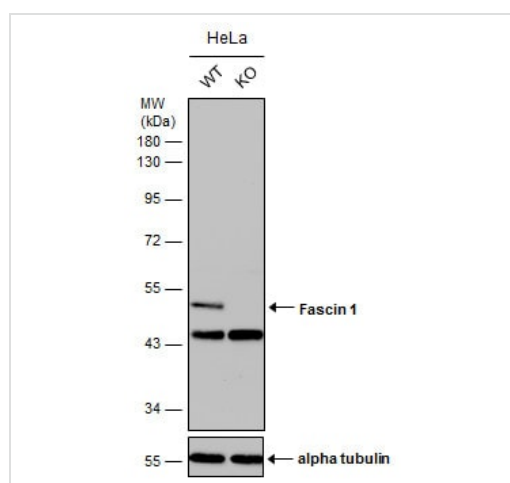
### Post-translational modifications

Phosphorylation on Ser-39 inhibits the actin-binding ability of fascin.

### Cellular localization

Cytoplasm > cytoskeleton. Cell projection > filopodium. Cell projection > invadopodium.

## Images



Western blot - Anti-Fascin antibody (ab183891)

**All lanes :** Anti-Fascin antibody (ab183891) at 1/2000 dilution

**Lane 1 :** WT HeLa cell extract

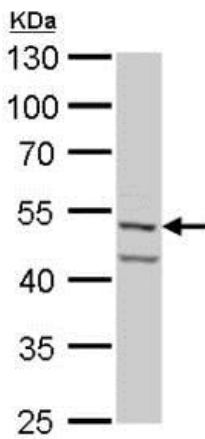
**Lane 2 :** Fascin Knockout HeLa cell extracts

Lysates/proteins at 30 µg per lane.

### Secondary

**All lanes :** HRP-conjugated anti-rabbit IgG

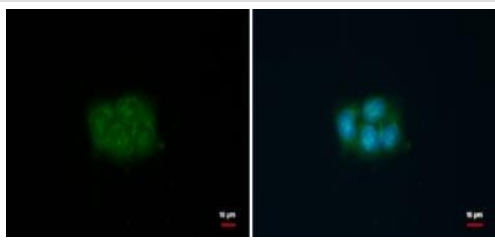
**Predicted band size:** 54 kDa



Western blot - Anti-Fascin antibody (ab183891)

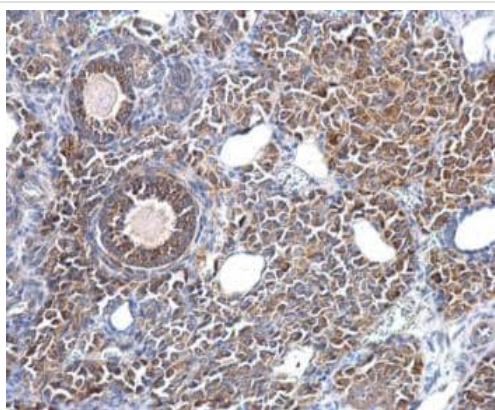
Anti-Fascin antibody (ab183891) at 1/1000 dilution + HeLa whole cell lysate/extract at 30 µg

**Predicted band size:** 54 kDa



Immunocytochemistry/ Immunofluorescence - Anti-Fascin antibody (ab183891)

Immunofluorescence analysis of HCT116 cells fixed in 100% methanol for 5 minutes, labeling Fascin using ab183891 at a 1/500 dilution (green). Blue: Hoechst 33342 staining.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Fascin antibody (ab183891)

Immunohistochemical analysis of paraffin-embedded mouse ovary tissue, labeling Fascin using ab183891 at a 1/500 dilution.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

## **Our Abpromise to you: Quality guaranteed and expert technical support**

---

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
  
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

## **Terms and conditions**

---

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors