

For Research Use Only

# Fascin Monoclonal antibody, PBS Only

Catalog Number: 66321-1-PBS

Featured Product



## Basic Information

**Catalog Number:**

66321-1-PBS

**Size:**

100ug, Concentration: 1mg/ml by Nanodrop;

**Source:**

Mouse

**Isotype:**

IgG2a

**Immunogen Catalog Number:**

AG6074

**GenBank Accession Number:**

BC000521

**GeneID (NCBI):**

6624

**ENSEMBL Gene ID:**

ENSG00000075618

**UNIPROT ID:**

Q16658

**Full Name:**

fascin homolog 1, actin-bundling protein (Strongylocentrotus purpuratus)

**Calculated MW:**

55 kDa

**Observed MW:**

55 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

1B5G3

## Applications

**Tested Applications:**

WB, IHC, IF/ICC, IF-P, FC (Intra), Indirect ELISA

**Species Specificity:**

human

## Background Information

Fascin is a highly conserved and ubiquitous actin cross-linking protein that has a major function in cell motility and adhesion. Fascin localizes to a number of highly dynamic cellular structures that require strong mechanical support which include stress fibers and cellular protrusions such as microvilli, microspikes and lamellipodia. Fascin is up-regulated in many human carcinomas. It's a marker for Reed-Sternberg cells in Hodgkin's disease; it is also a highly selective marker for dendritic cells of lymphoid tissues.

## Storage

**Storage:**

Store at -80°C.

**Storage Buffer:**

PBS Only

For technical support and original validation data for this product please contact:

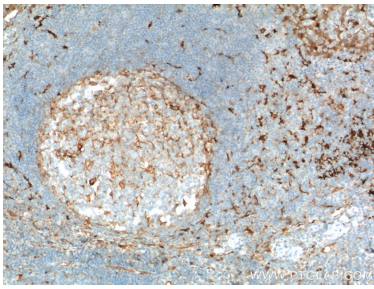
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)

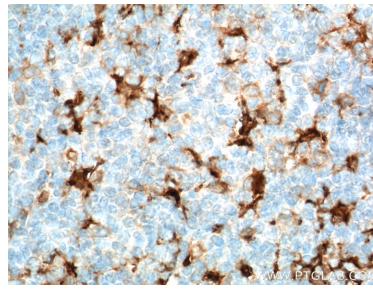
W: [ptglab.com](http://ptglab.com)

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

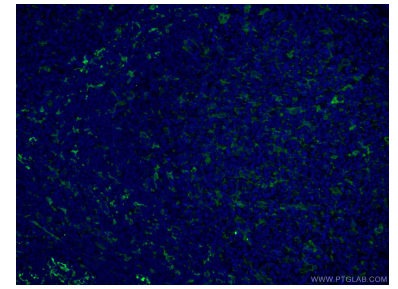
## Selected Validation Data



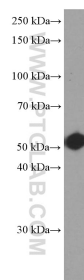
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66321-1-Ig (Fascin Antibody) at dilution of 1:600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66321-1-PBS in a different storage buffer formulation.



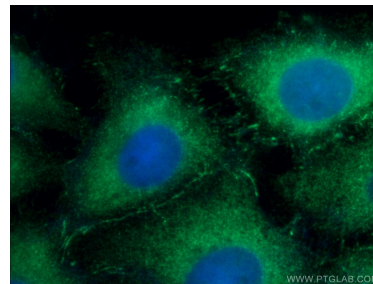
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66321-1-Ig (Fascin Antibody) at dilution of 1:600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66321-1-PBS in a different storage buffer formulation.



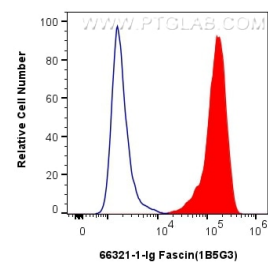
Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using 66321-1-Ig (Fascin antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66321-1-PBS in a different storage buffer formulation.



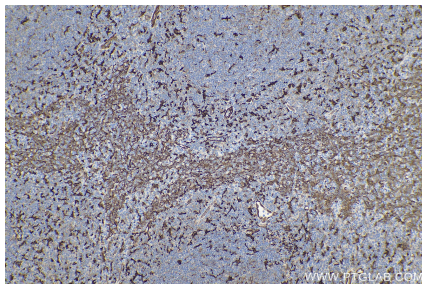
SH-SY5Y cells were subjected to SDS PAGE followed by western blot with 66321-1-Ig (Fascin Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 66321-1-PBS in a different storage buffer formulation.



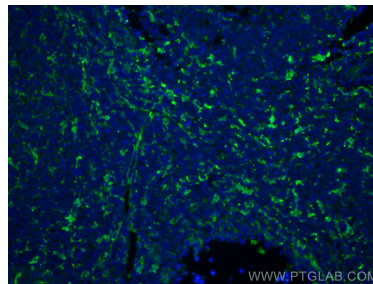
Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using 66321-1-Ig (Fascin antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66321-1-PBS in a different storage buffer formulation.



$1 \times 10^6$  SH-SY5Y cells were intracellularly stained with 0.4 ug Fascin Monoclonal antibody (66321-1-Ig, Clone:1B5G3) and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1)(red), or 0.4 ug Mouse IgG2a isotype control Mouse McAb (66360-2-Ig, Clone: 11A1B2) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C). This data was developed using the same antibody clone with 66321-1-PBS in a



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66321-1-Ig (Fascin antibody) at dilution of 1:8000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66321-1-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using Fascin antibody (66321-1-Ig, Clone: 1B5G3) at dilution of 1:400 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66321-1-PBS in a different storage buffer formulation.