

For Research Use Only

Fascin Monoclonal antibody, PBS Only

Catalog Number: 66321-1-PBS

Featured Product



Basic Information

Catalog Number:

66321-1-PBS

Size:

1mg/ml

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.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

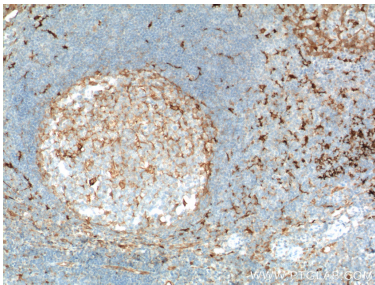
T: 4006900926

E: Proteintech-CN@ptglab.com

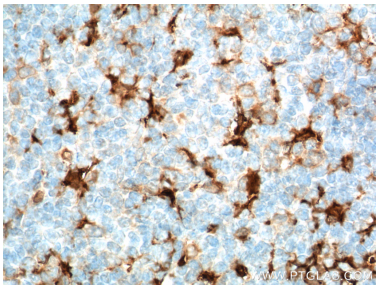
W: ptgcn.com

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

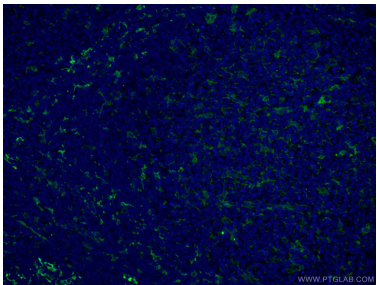
Selected Validation Data



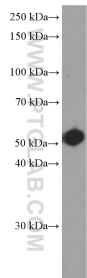
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66321-1-Ig (Fascin Antibody) at dilution of 1:600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66321-1-PBS in a different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



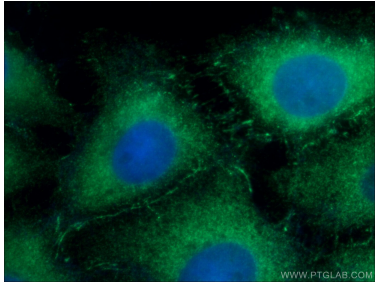
Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using 66321-1-Ig (Fascin Antibody) at dilution of 1:600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 66321-1-PBS in a different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



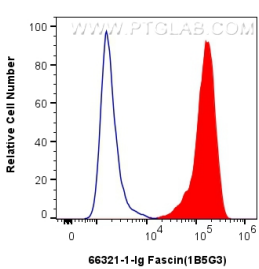
Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using 66321-1-Ig (Fascin antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66321-1-PBS in a different storage buffer formulation.



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.



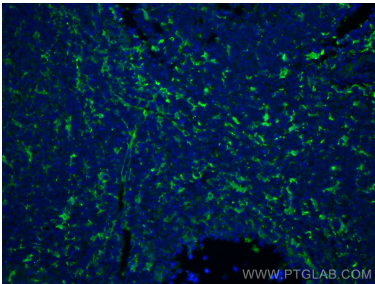
Immunofluorescent analysis of (-20°C Ethanol) fixed SH-SY5Y cells using 66321-1-Ig(Fascin antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L). This data was developed using the same antibody clone with 66321-1-PBS in a different storage buffer formulation.



1x10⁶ 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.