

CoraLite® Plus 488-conjugated Fascin Monoclonal antibody

Catalog Number: **CL488-66321**

Basic Information

Catalog Number:

CL488-66321

Size:

1000 µg/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

Recommended Dilutions:

IF-P 1:50-1:500

Excitation/Emission maxima wavelengths:

493 nm / 522 nm

Applications

Tested Applications:

IF-P, FC (Intra)

Species Specificity:

human

Positive Controls:

IF-P : human tonsillitis tissue,

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:

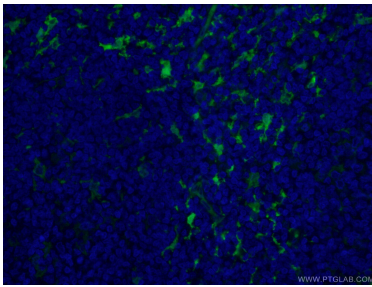
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

Storage Buffer:

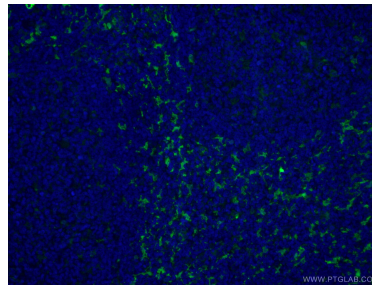
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

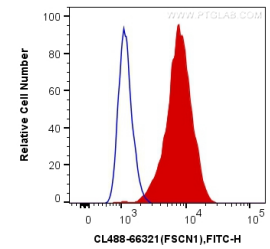
Selected Validation Data



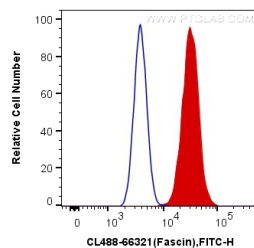
Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CL488-66321 (Fascin antibody) at dilution of 1:100.



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CL488-66321 (Fascin antibody) at dilution of 1:100.



1X10⁶ SH-SY5Y cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human Fascin (CL488-66321, Clone:1B5G3) (red), or 0.4 ug Mouse IgG2a Isotype Control (CL488-66360-2, Clone: K11A1B2A2) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).



1X10⁶ HeLa cells were intracellularly stained with 0.4 ug CoraLite® Plus 488 Anti-Human Fascin (CL488-66321, Clone:1B5G3) (red), or 0.4 ug Mouse IgG2a Isotype Control (CL488-66360-2, Clone: K11A1B2A2) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).