

# CoraLite®594-conjugated Fascin Monoclonal antibody

Catalog Number: **CL594-66321**

## Basic Information

**Catalog Number:**

CL594-66321

**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

**Purification Method:**

Protein A purification

**CloneNo.:**

1B5G3

**Recommended Dilutions:**

IF-P 1:50-1:500

**Excitation/Emission maxima wavelengths:**

588 nm / 604 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:**

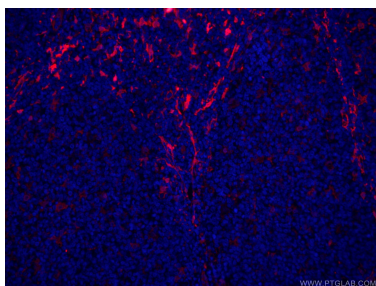
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.

**Storage Buffer:**

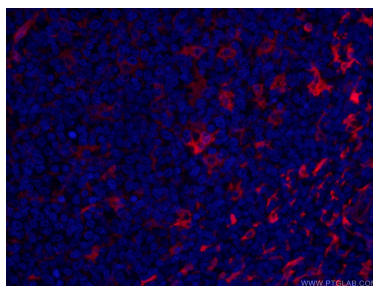
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.

Aliquoting is unnecessary for -20°C storage

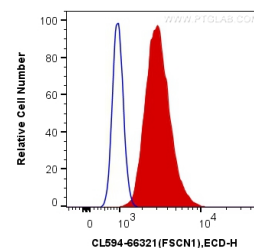
## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human tonsillitis tissue using CL594-66321 (Fascin antibody) at dilution of 1:100.



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1X10<sup>6</sup> HeLa cells were intracellularly stained with 0.2 ug CoraLite®594 Anti-Human Fascin (CL594-66321, Clone:1B5G3) (red), or 0.2 ug Mouse IgG2a Isotype Control (CL594-66360-2, Clone: K11A1B2A2) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).