

For Research Use Only

CoraLite® Plus 488-conjugated Fascin Monoclonal antibody



Catalog Number:CL488-66321

Basic Information

Catalog Number: CL488-66321	GenBank Accession Number: BC000521	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 6624	CloneNo.: 1B5G3
Source: Mouse	ENSEMBL Gene ID: ENSG00000075618	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG2a	UNIPROT ID: Q16658	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG6074	Full Name: fascin homolog 1, actin-bundling protein (Strongylocentrotus purpuratus)	
	Calculated MW: 55 kDa	
	Observed MW: 55 kDa	

Applications

Tested Applications: FC (Intra), IF/ICC	Positive Controls: IF : human tonsillitis tissue,
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 -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

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

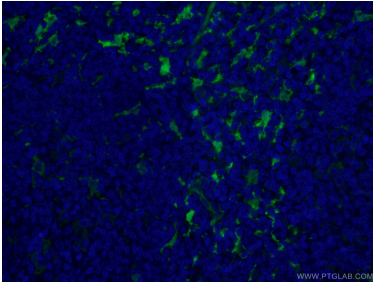
T: 4006900926

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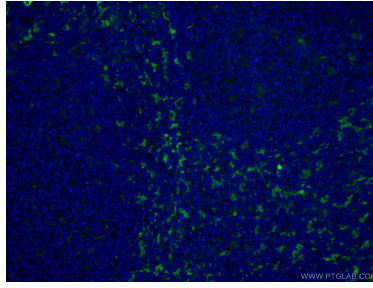
W: ptgcn.com

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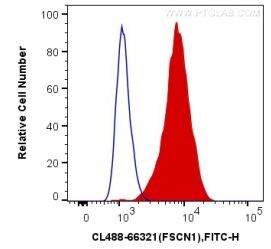
Selected Validation Data



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



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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).