

ARG56076 anti-Fascin antibody [SPM133]

Package: 50 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [SPM133] recognizes Fascin
Tested Reactivity	Hu
Tested Application	FACS, ICC/IF, IHC-P, WB
Host	Mouse
Clonality	Monoclonal
Clone	SPM133
Isotype	IgG2a, kappa
Target Name	Fascin
Species	Human
Immunogen	Full length recombinant Human Fascin protein.
Conjugation	Un-conjugated
Alternate Names	Singed-like protein; SNL; HSN; 55 kDa actin-bundling protein; FAN1; Fascin; p55

Application Instructions

Application table	Application	Dilution
	FACS	0.5 - 1 µg/10 ⁶ cells in 0.1ml
	ICC/IF	1 - 2 µg/ml
	IHC-P	0.5 - 1 µg/ml
	WB	0.5 - 1 µg/ml
Application Note	<p>Antigen retrieval for IHC-P: Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 min.</p> <p>* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.</p>	

Properties

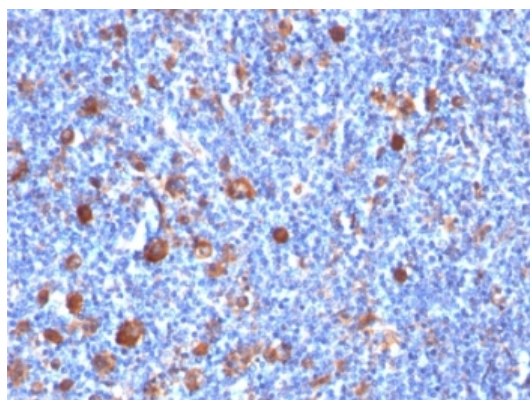
Form	Liquid
Purification	Purification with Protein G.
Buffer	PBS (pH 7.4), 0.05% Sodium azide and 0.1 mg/ml BSA
Preservative	0.05% Sodium azide
Stabilizer	0.1 mg/ml BSA
Concentration	0.2 mg/ml

Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Database links	GeneID: 6624 Human Swiss-port # Q16658 Human
Gene Symbol	FSCN1
Gene Full Name	fascin actin-bundling protein 1
Background	This gene encodes a member of the fascin family of actin-binding proteins. Fascin proteins organize F-actin into parallel bundles, and are required for the formation of actin-based cellular protrusions. The encoded protein plays a critical role in cell migration, motility, adhesion and cellular interactions. Expression of this gene is known to be regulated by several microRNAs, and overexpression of this gene may play a role in the metastasis of multiple types of cancer by increasing cell motility. Expression of this gene is also a marker for Reed-Sternberg cells in Hodgkin's lymphoma. A pseudogene of this gene is located on the long arm of chromosome 15. [provided by RefSeq, Sep 2011]
Function	Organizes filamentous actin into bundles with a minimum of 4.1:1 actin/fascin ratio. Plays a role in the organization of actin filament bundles and the formation of microspikes, membrane ruffles, and stress fibers. Important for the formation of a diverse set of cell protrusions, such as filopodia, and for cell motility and migration. [UniProt]
Calculated Mw	55 kDa
PTM	Phosphorylation on Ser-39 inhibits the actin-binding ability of fascin.
Cellular Localization	Cytoplasmic

Images



ARG56076 anti-Fascin antibody [SPM133] IHC-P image

Immunohistochemistry: Formalin-fixed, paraffin-embedded Human Hodgkin's lymphoma stained with ARG56076 anti-Fascin antibody [SPM133].