



Rabbit Anti-phospho-FSCN1

SL0772R-FITC

Product Name:	Anti-phospho-FSCN1(Ser39)/FITC
Chinese Name:	FITC标记的磷酸化纤维束蛋白同源物1抗体
Alias:	Fascin (phospho S39); Fascin (phospho S39); 55 kDa actin bundling protein; Actin bundling protein; FAN 1; FAN1; Fascin 1; Fascin homolog 1 actin bundling protein (Strongylocentrotus purpuratus); Fascin homolog 1; Fascin1; FLJ38511; FSCN 1; FSCN1; HSN; p55; Singed (Drosophila) like (sea urchin fascin homolog like); Singed drosophila homolog like; Singed like (fascin homolog sea urchin) (Drosophila); Singed like protein; SNL; Strongylocentrotus purpuratus.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,
Applications:	Flow-Cyt=1:50-200IF=1:50-200 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	55kDa
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated Synthesised phosphopeptide derived from human FSCN1 around the phosphorylation site of Ser39
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Product Detail:	background: Human fascin is a highly conserved actin-bundling protein. Fascin, encoded by the human homolog for sn (hsn) gene, has been localized to microspikes and stress fibers of

cultured cells where it is thought to be involved in the formation of microfilament bundles. It is expressed predominantly in dendritic cells. Lymphoid cells, myeloid cells and plasma cells are negative. However, Reed Sternberg cells in Hodgkin's lymphoma are positive for fascin staining. Epstein-Barr virus may induce expression of fascin in B cells.

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.

Subcellular Location:

Cytoplasm > cytoskeleton. Cell projection > filopodium. Cell projection > invadopodium.

Tissue Specificity:

Ubiquitous.

Post-translational modifications:

Phosphorylation on Ser-39 inhibits the actin-binding ability of fascin.

Similarity:

Belongs to the fascin family.

Database links:

[Entrez Gene: 6624](#)Human

[Entrez Gene: 14086](#)Mouse

[Entrez Gene: 683788](#)Rat

[Omin: 602689](#)Human

[SwissProt: Q16658](#)Human

[SwissProt: Q61553](#)Mouse

[SwissProt: P85845](#)Rat

[Unigene: 118400](#)Human

[Unigene: 289707](#)Mouse

[Unigene: 199526](#)Rat

Important Note:

This product as supplied is intended for research use only, not for use in human,

therapeutic or diagnostic applications.

肌动蛋白集束蛋白/圆线虫紫癜抗体。

FSCN1为Cytoskeleton肌动蛋白的一种, 该蛋白有蛋白结合,桥连、肌动蛋白丝结合的功能。

主要参与细胞增殖、肌动蛋白Cytoskeleton组织和生物发生、肌动蛋白丝束形成。<

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