

Fascin Conjugated Antibody

Catalog No: #C49611



Package Size: #C49611-AF350 100ul #C49611-AF405 100ul #C49611-AF488 100ul
 #C49611-AF555 100ul #C49611-AF594 100ul #C49611-AF647 100ul
 #C49611-AF680 100ul #C49611-AF750 100ul #C49611-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

Product Name	Fascin Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	55 kDa actin bundling protein antibody 55 kDa actin-bundling protein antibody Actin bundling protein antibody actin bundling protein, 55-KD antibody FAN 1 antibody FAN1 antibody Fascin 1 antibody Fascin actin bundling protein 1 antibody Fascin antibody Fascin homolog 1 actin bundling protein (Strongylocentrotus purpuratus) antibody Fascin homolog 1 antibody Fascin, sea urchin, homolog of, 1 antibody Fascin1 antibody FLJ38511 antibody FSCN 1 antibody FSCN1 antibody FSCN1_HUMAN antibody HSN antibody p55 antibody Singed (Drosophila) like (sea urchin fascin homolog like) antibody Singed drosophila homolog like antibody Singed like (fascin homolog sea urchin) (Drosophila) antibody Singed like (fascin homolog sea urchin) antibody Singed like protein antibody Singed, drosophila, homolog of antibody Singed-like protein antibody SNL antibody Strongylocentrotus purpuratus antibody
Accession No.	Swiss-Prot#:Q16658
Uniprot	Q16658
GenelD	6624;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	54 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

Cell adhesion to extracellular matrix is an important physiological stimulus for organization of the Actin-based cytoskeleton. Adhesion to the matrix glycoprotein Thrombospondin 1 triggers the sustained formation of F-Actin microspikes that contain the Actin-bundling protein Fascin. These structures are also implicated in cell migration, which may be an important function of Thrombospondin 1 in tissue remodelling and wound repair. Fascin bundles Actin microfilaments within dynamic cellular structures such as microspikes, stress fibers and membrane ruffles. Fascin could serve as a prognostic factor for abnormal ovarian epithelial pathology and could be a novel target for the treatment of ovarian cancer. Fascin, an Actin-bundling protein, identifies dendritic cells in the blood and in tissues.

Note: This product is for in vitro research use only