

LSP1 Conjugated Antibody

Catalog No: #C49106



Package Size: #C49106-AF350 100ul #C49106-AF405 100ul #C49106-AF488 100ul

#C49106-AF555 100ul #C49106-AF594 100ul #C49106-AF647 100ul

#C49106-AF680 100ul #C49106-AF750 100ul #C49106-Biotin 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	LSP1 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	47 kDa actin binding protein antibody 47 kDa actin-binding protein antibody 52 kDa phosphoprotein antibody F actin binding and cytoskeleton associated protein antibody Leufactin (leukocyte F-actin binding protein) antibody Leufactin antibody Leukocyte F actin binding protein antibody Leukocyte specific protein 1 antibody LSP 1 antibody Lsp1 antibody LSP1_HUMAN antibody Lymphocyte specific antigen WP34 antibody Lymphocyte specific protein 1 antibody Lymphocyte specific protein pp52 antibody Lymphocyte-specific antigen WP34 antibody Lymphocyte-specific protein 1 antibody OTTHUMP00000014138 antibody OTTHUMP00000014139 antibody OTTHUMP00000014140 antibody OTTHUMP00000069612 antibody OTTHUMP00000069614 antibody OTTHUMP00000069615 antibody OTTHUMP00000069616 antibody pp52 antibody Protein pp52 antibody S37 protein antibody WP 34 antibody WP34 antibody
Accession No.	Swiss-Prot#:P33241
Uniprot	P33241
GeneID	4046;
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	52 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

pp52 (human) or LSP1 (murine) is a hematopoietic-expressed gene that encodes an F-actin-binding, leukocyte-specific (including B and T lymphocytes, granulocytes and macrophages), phosphoprotein. However, mRNA splice variants that do not encode the lympho-specific protein are expressed from this gene in nonlymphoid cell lines as well (myocytes, stromal cells and fibroblasts), suggesting pp52 has a divergent role in signal transduction. The pp52 (LSP1) locus maps to human chromosome 11p15.5, which is implicated in tumor-related chromosomal translocations found in chronic lymphocytic leukemia. The pp52 promoter contains key elements that control transcriptional activity including an initiator specifying the unique 5' terminus of pp52 mRNA, tandem pairs of Ets and SP1 motifs, and a single C/EBP motif. LSP1 binds the cytoskeleton and has been implicated in affecting cytoskeletal remodeling in a variety of leukocyte functions, including cell motility and chemotaxis.

Note: This product is for in vitro research use only