

For Research Use Only

Biotin-conjugated LSP1 Recombinant monoclonal antibody

Catalog Number: Biotin-87378



Basic Information

Catalog Number: Biotin-87378	GenBank Accession Number: NM_002339.2	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 4046	CloneNo.: 252179A7
Source: Rabbit	UNIPROT ID: P33241-1	Recommended Dilutions: IHC: 1:50-1:500
Isotype: IgG	Full Name: lymphocyte-specific protein 1	
Immunogen Catalog Number: EG5464	Calculated MW: 37 kDa	
	Observed MW: 52 kDa	

Applications

Tested Applications: IHC	Positive Controls: IHC : human tonsillitis tissue,
Species Specificity: human	

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

Lymphocyte-specific protein 1(LSP1), also known as leukocyte-specific protein 1, is an F-actin binding and cytoskeleton associated protein. The protein is expressed in lymphocytes, neutrophils, and macrophages. LSP1 is a substrate for mitogen-activated protein kinase (MAPK)-activated protein kinase 2 and protein kinase C. The implication of LSP1 in diverse biological processes, such as inflammation and malignancy, suggests the major regulatory role of LSP1 in signal transduction(PMID: 38254711).

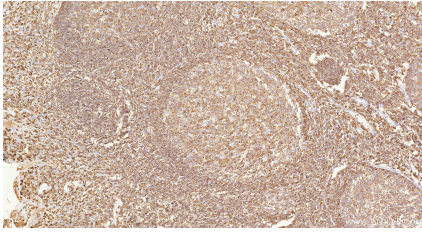
Storage

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, pH7.3
Aliquoting is unnecessary for -20°C storage

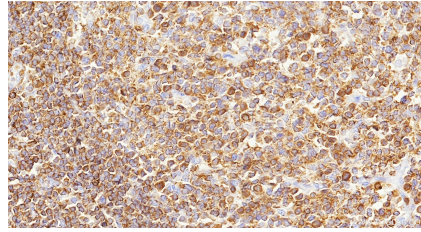
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using Biotin-87378 (LSP1 antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human tonsillitis tissue slide using Biotin-87378 (LSP1 antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).