

SPN monoclonal antibody, clone DF-T1 (Biotin)

Catalog # MAB6060

Size 100 Reactions

Specification

Product Description	Mouse monoclonal antibody raised against native SPN.
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Immunogen	Native purified from myeloblastic KG1 Cells.
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Host	Mouse
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Reactivity	Human
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Specificity	Specificity human CD43
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Form	Liquid
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Conjugation	Biotin
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Isotype	IgG1
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Recommend Usage	Flow Cytometry (10 ul/10 ⁶ cells) The optimal working dilution should be determined by the end user.
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Storage Buffer	In PBS (0.09% sodium azide)
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Storage Instruction	Store in the dark at 4°C. Do not freeze. Avoid prolonged exposure to light. Aliquot to avoid repeated freezing and thawing.
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Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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Applications

- Immunohistochemistry
- Flow Cytometry

Gene Info — SPN

Entrez GeneID	6693
Gene Name	SPN
Gene Alias	CD43, GPL115, LSN
Gene Description	sialophorin
Omim ID	182160
Gene Ontology	Hyperlink
Gene Summary	Sialophorin (leukosialin) is a major sialoglycoprotein on the surface of human T lymphocytes, monocytes, granulocytes, and some B lymphocytes, which appears to be important for immune function and may be part of a physiologic ligand-receptor complex involved in T-cell activation.[supplied by OMIM]
Other Designations	leukosialin sialophorin (gpL115, leukosialin, CD43) sialophorin (leukosialin, CD43)

Publication Reference

- [Negative regulation of T-cell adhesion and activation by CD43.](#)
Manjunath N, Correa M, Ardman M, Ardman B.
Nature 1995 Oct; 377(6549):535.
- [The dimensions of the T lymphocyte glycoprotein leukosialin and identification of linear protein epitopes that can be modified by glycosylation.](#)
Cyster JG, Shotton DM, Williams AF.
The EMBO Journal 1991 Apr; 10(4):893.

Pathway

- [Cell adhesion molecules \(CAMs\)](#)

Disease

- [Kidney Failure](#)