

# SPN monoclonal antibody, clone DF-T1 (PE)

Catalog # MAB6061      Size 100 Reactions

## Specification

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

## Applications

- Immunohistochemistry
- Flow Cytometry

## Gene Info — SPN

Entrez GeneID	<a href="#">6693</a>
Gene Name	SPN
Gene Alias	CD43, GPL115, LSN
Gene Description	sialophorin
Omim ID	<a href="#">182160</a>
Gene Ontology	<a href="#">Hyperlink</a>
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](#)