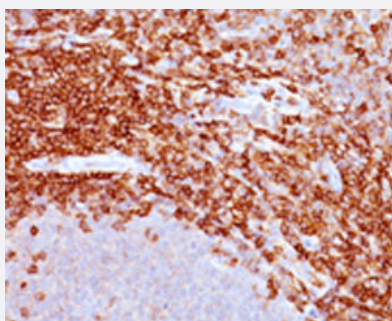


# SPN monoclonal antibody, clone SPM503

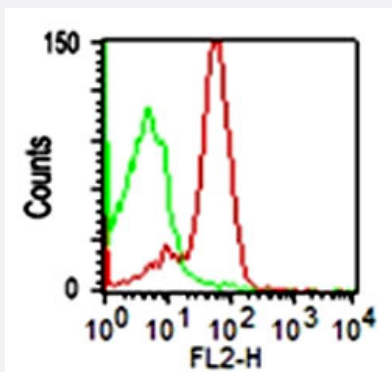
Catalog # MAB12056      Size 100 ug

## Applications



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human spleen with SPN monoclonal antibody, clone SPM503 (Cat# MAB12056).



### Flow Cytometry

Flow cytometric analysis of PBMC with SPN monoclonal antibody, clone SPM503 (Cat# MAB12056).

## Specification

Product Description	Mouse monoclonal antibody raised against SPN.
Immunogen	Human myeloblastic KG1 cells.
Host	Mouse
Theoretical MW (kDa)	95, 115, 135
Reactivity	Human
Form	Liquid

<b>Purification</b>	Protein A/G purification
<b>Isotype</b>	IgG1, kappa
<b>Recommend Usage</b>	Flow Cytometry (0.5-1 ug/10 <sup>6</sup> cells) Immunohistochemistry (0.5-1 ug/mL) Western Blot (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS (0.05% BSA, 0.05% sodium azide).
<b>Storage Instruction</b>	Store at 4°C. Aliquot to avoid repeated freezing and thawing.
<b>Note</b>	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human spleen with SPN monoclonal antibody, clone SPM503 (Cat# MAB12056).

- Flow Cytometry

Flow cytometric analysis of PBMC with SPN monoclonal antibody, clone SPM503 (Cat# MAB12056).

## Gene Info — SPN

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

**Pathway**

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

**Disease**

- [Kidney Failure](#)