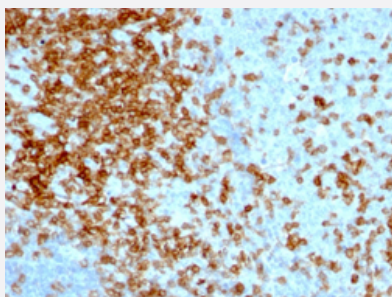


# SPN monoclonal antibody, clone 84-3C1

Catalog # MAB13436      Size 100 ug

## Applications



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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with SPN monoclonal antibody, clone 84-3C1 (Cat # MAB13436).

## Specification

<b>Product Description</b>	Mouse monoclonal antibody raised against native human SPN.
<b>Immunogen</b>	Stimulated human leukocytes.
<b>Host</b>	Mouse
<b>Theoretical MW (kDa)</b>	95, 115, 135
<b>Reactivity</b>	Human
<b>Form</b>	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 in 0.1 mL) Immunofluorescence (1-2 ug/mL) Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (0.5-1 ug/mL) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In 10 mM PBS.

**Storage Instruction**

Store at -20 to -80°C.  
Aliquot to avoid repeated freezing and thawing.

## Applications

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

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human tonsil with SPN monoclonal antibody, clone 84-3C1 (Cat # MAB13436).

- Immunofluorescence
- Flow Cytometry

## Gene Info — SPN

**Entrez GeneID** [6693](#)

**Protein Accession#** [P16150](#)

**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)

## Pathway

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

## Disease

- [Kidney Failure](#)