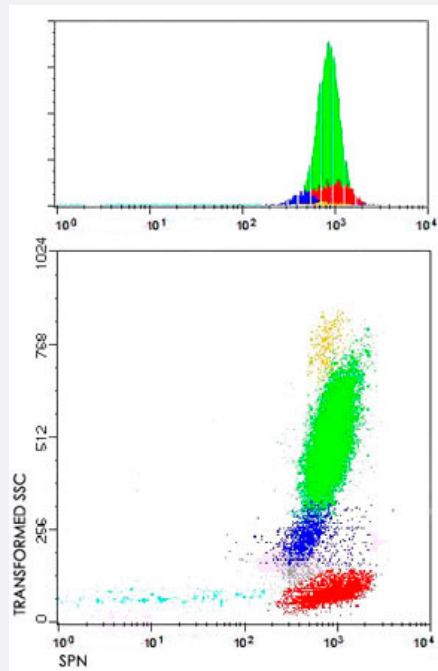


SPN monoclonal antibody, clone TP1/36

Catalog # MAB4980 Size 1 mg

Applications



Flow Cytometry

Flow Cytometry using human peripheral blood cells (1 ug/10⁶ cells).
FACSCalibur (Becton Dickinson, San Jose, CA) flow cytometer, using Cell Quest acquisition software and PAINT-A-GATE. PRO, analysis software.

Specification

Product Description	Mouse monoclonal antibody raised against native SPN.
Immunogen	Native purified SPN from myeloblastic cell line KG1.
Host	Mouse
Reactivity	Human
Form	Liquid
Purification	Protein A/G purification
Isotype	IgG1

Recommend Usage	Flow Cytometry (20 uL/10 ⁶ cells) The optimal working dilution should be determined by the end user.
Storage Buffer	In buffer containing 1% BSA, pH 7.2 (0.09% sodium azide).
Storage Instruction	Store in the dark at 4°C. Avoid prolonged exposure to light.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunofluorescence
- Flow Cytometry

Flow Cytometry using human peripheral blood cells (1 ug/10⁶ cells).

FACSCalibur (Becton Dickinson, San Jose, CA) flow cytometer, using Cell Quest acquisition software and PAINT-A-GATE. PRO, analysis software.

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

- [Immunophenotypic characterization of human bone marrow mast cells. A flow cytometric study of normal and pathological bone marrow samples.](#)

Escribano L, Orfao A, Villarrubia J, Diaz-Agustin B, Cervero C, Rios A, Velasco JL, Ciudad J, Navarro JL, San Miguel JF.
Analytical Cellular Pathology 1998 Jan; 16(3):151.

Application: Flow Cyt, Human, Human bone marrow samples

- [An immunohistochemical study of mononuclear cells in meningiomas.](#)

Bo L, Mork SJ, Nyland H.

Neuropathology and Applied Neurobiology 1992 Dec; 18(6):548.

Application: IHC-P, Human, Human meningiomas

- [CD43 monoclonal antibodies recognize the large sialoglycoprotein of human leukocytes.](#)

Borche L, Lozano F, Vilella R, Vives J.

European Journal of Immunology 1987 Oct; 17(10):1523.

Application: Flow Cyt, IP, Human, Leukocytes, Thymus cells

Pathway

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

Disease

- [Kidney Failure](#)