

Datasheet

SPN monoclonal antibody, clone DF-T1 (FITC)

Catalog Number: MAB6059

Regulatory Status: For research use only (RUO)

Product Description: Mouse monoclonal antibody raised against native SPN.

Clone Name: DF-T1

Immunogen: Native purified from myeloblastic KG1 Cells.

Host: Mouse

Reactivity: Human

Applications: Flow Cyt, IHC
(See our web site product page for detailed applications information)

Protocols: See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

Specificity: Specificity human CD43

Form: Liquid

Conjugation: FITC

Isotype: IgG1

Recommend Usage: Flow Cytometry (10 ul/10⁶ 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.

Entrez GeneID: 6693

Gene Symbol: SPN

Gene Alias: CD43, GPL115, LSN

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]

References:

1. Negative regulation of T-cell adhesion and activation by CD43. Manjunath N, Correa M, Ardman M, Ardman B. *Nature*. 1995 Oct 12;377(6549):535-8.
2. 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. *EMBO J*. 1991 Apr;10(4):893-902.