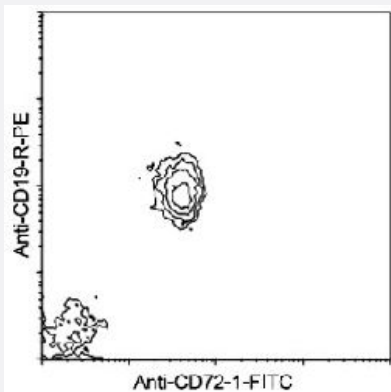


Cd72 monoclonal antibody, clone 10-1.D2 (Biotin)

Catalog # MAB5749

Size 500 ug

Applications



Flow Cytometry

BALB/c spleen cells were double-stained with Cd72.1 monoclonal antibody, clone 10-1.D2 (FITC) (Cat # MAB5748) and rat anti-mouse CD19-R-PE. Lymphocytes were then gated and analyzed by flow cytometry.

Specification

Product Description Mouse monoclonal antibody raised against native Cd72.

Immunogen Native purified Cd72 from DBA/2 mouse spleen cells.

Host Mouse

Reactivity Mouse

Specificity Mouse CD72.1/Lyb-2.1, 45 KDa.

Form Liquid

Conjugation Biotin

Isotype IgG2b, kappa

Recommend Usage Flow Cytometry (1 ug/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.

Note

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Flow Cytometry

BALB/c spleen cells were double-stained with Cd72.1 monoclonal antibody, clone 10-1.D2 (FITC) (Cat # MAB5748) and rat anti-mouse CD19-R-PE. Lymphocytes were then gated and analyzed by flow cytometry.

Gene Info — Cd72

Entrez GeneID [12517](#)

Gene Name Cd72

Gene Alias CD72c, Ly-19, Ly-32, Ly-m19, Lyb-2

Gene Description CD72 antigen

Gene Ontology [Hyperlink](#)

Other Designations OTTMUSP00000007235

Publication Reference

- [Biochemical identity of the mouse Ly-19.2 and Ly-32.2 alloantigens with the B cell differentiation antigen Lyb-2/CD72.](#)

Robinson WH, Landolfi MM, Schafer H, Parnes JR.

Journal of Immunology 1993 Nov; 151(9):4764.

- [Ly-1 \(CD5\), a membrane glycoprotein of mouse T lymphocytes and a subset of B cells, is a natural ligand of the B cell surface protein Lyb-2 \(CD72\).](#)

Luo W, Van de Velde H, von Hoegen I, Parnes JR, Thielemans K.

Journal of Immunology 1992 Mar; 148(6):1630.

Application: Func, Human, EL4 cells, Lymphocytes

- [Alpha-helical coiled-coil stalks in the low-affinity receptor for IgE \(Fc epsilon RII/CD23\) and related C-type lectins.](#)

Beavil AJ, Edmeades RL, Gould HJ, Sutton BJ.

PNAS 1992 Jan; 89(2):753.