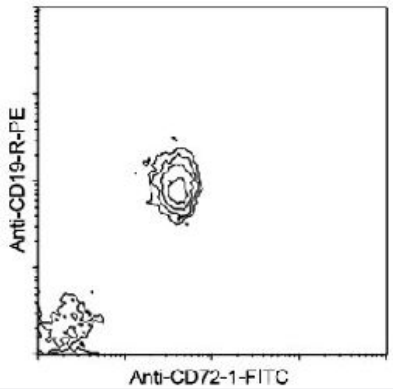
Cd72 monoclonal antibody, clone 10-1.D2 (PE)

Catalog # MAB5750 Size 100 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	PE
Isotype	IgG2b, kappa
Recommend Usage	Flow Cytometry (0.2 ug/10^6 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

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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.