

## Datasheet

### **Cd72 monoclonal antibody, clone 10-1.D2 (FITC)**

**Catalog Number:** MAB5748

**Regulatory Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against native Cd72.

**Clone Name:** 10-1.D.2

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

**Host:** Mouse

**Reactivity:** Mouse

**Applications:** Flow Cyt

(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:** Mouse CD72.1/Lyb-2.1, 45 KDa.

**Form:** Liquid

**Conjugation:** FITC

**Isotype:** IgG2b, kappa

**Recommend Usage:** Flow Cytometry (1 ug/10<sup>6</sup> 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:** 12517

**Gene Symbol:** Cd72

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

#### **References:**

1. 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. J Immunol. 1993 Nov 1;151(9):4764-72.
2. 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. J Immunol. 1992 Mar 15;148(6):1630-4.
3. 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. Proc Natl Acad Sci U S A. 1992 Jan 15;89(2):753-7.