

## Datasheet

### CD2 monoclonal antibody, clone LT2 (FITC)

**Catalog Number:** MAB4382

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

**Product Description:** Mouse monoclonal antibody raised against native CD2.

**Clone Name:** LT2

**Immunogen:** Native purified CD2 from normal human blood lymphocytes.

**Host:** Mouse

**Theoretical MW (kDa):** 50

**Reactivity:** Human

**Applications:** Flow Cyt, IP  
(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:** This antibody LT2 reacts with CD2, a 50 KDa glycoprotein present on the human peripheral blood T lymphocytes and NK cells; also expressed by all thymocytes.

**Form:** Liquid

**Conjugation:** FITC

**Isotype:** IgG2a

**Recommend Usage:** Flow Cytometry (20 ul in human blood cells 100 ul in whole blood or 10<sup>6</sup> cells in a suspension)

The optimal working dilution should be determined by the end user.

**Storage Buffer:** In PBS (0.2% BSA, 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:** 914

**Gene Symbol:** CD2

**Gene Alias:** SRBC, T11

#### References:

1. CD2 deficiency partially prevents small bowel inflammation and improves parasite control in murine *Toxoplasma gondii* infection. Pawlowski NN, Struck D, Grollich K, Kuhl AA, Zeitz M, Liesenfeld O, Hoffmann JC. *World J Gastroenterol.* 2007 Aug 21;13(31):4207-13.
2. Mechanisms of Cellular Avidity Regulation in CD2-CD58-Mediated T Cell Adhesion. Zhu DM, Dustin ML, Cairo CW, Thatte HS, Golan DE. *ACS Chem Biol.* 2006 Nov 21;1(10):649-58.
3. [A panel of monoclonal antibodies against human lymphocyte antigens] Filatov AV, Bachurin PS, Markova NA, Surnakova NE. *Eksp Onkol.* 1989;11(2):28-32.