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30-2244: Anti-CD2 / LFA-2 Monoclonal Antibody (Clone:LT2)-PE Conjugated

Clonality: Monoclonal

Clone Name:

Application:

Reactivity:

Conjugate:

Gene:

Gene ID:

Uniprot ID:

LT2

FACS, IP

Human

CD2

914

P06729

Alternative Name: T-cell surface antigen CD2, Erythrocyte receptor, T-cell surface antigen T11/Leu-5

Isotype: Mouse IgG2b

Immunogen Information: Normal human blood lymphocytes.

Description

CD2 belongs to T lymphocyte glycoproteins of immunoglobulin superfamily. Its interaction with CD58 stabilizes adhesion between T cells and antigen presenting or target cells. Relatively low affinity of CD2 to CD58 (as measured in solution) is compensated within the two-dimensional cell-cell interface to provide tight adhesion. Moreover, T cell activation induces increased CD2 expression and its lateral mobility, making easier contact between CD2 and CD58. Subsequently, T cell activation causes fixation of CD58-CD2 at sites of cell-cell contact, thereby strengthening intercellular adhesion. CD2 deficiency reduces intestinal inflammation and helps to control infection.

Product Info

Amount: 100 tests

Storage condition : Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.