

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

30-1735: Anti-CD2 / LFA-2 Monoclonal Antibody (Clone:LT2)-APC Conjugated

Clonality: Monoclonal

Clone Name: LT2
Application: FACS, IP
Reactivity: Human
Conjugate: APC
Gene: CD2
Gene ID: 914
Uniprot ID: 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.

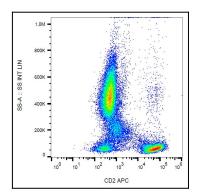


Figure 1: Surface staining of human peripheral blood cells with anti-human CD2 (LT2) APC.