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36-3461: Anti-CD2 / Lymphocyte Function Antigen 2 (LFA-2) Monoclonal Antibody(Clone: UMCD2)

Monoclonal Clonality: UMCD2 Clone Name:

Functional Assay, FACS, IF Application:

Reactivity: Human Gene: CD2 Gene ID: 914 **Uniprot ID:** P06729

Erythrocyte receptor; LFA-2; LFA-3 receptor; Ly-37; Lymphocyte function antigen 2; Rosette **Alternative Name:**

receptor; SRBC; T-cell surface antigen CD2; T-cell surface antigen T11/Leu-5; T11

Mouse IgG2a, kappa Isotype:

Immunogen Information: Human Thymocytes/Sezary T cells

Description

CD2 interacts through its amino-terminal domain with the extracellular domain of CD58 (also designated CD2 ligand) to mediate cell adhesion. CD2/CD58 binding can enhance antigen-specific T cell activation. CD2 is a transmembrane glycoprotein that is expressed on peripheral blood T lymphocytes, NK cells and thymocytes. CD58 is a heavily glycosylated protein with a broad tissue distribution in hematopoietic and other cells, including endothelium. Interaction between CD2 and its counter receptor LFA3 (CD58) on opposing cells optimizes immune system recognition, thereby facilitating communication between helper T lymphocytes and antigen-presenting cells, as well as between cytolytic effectors and target cells.

Product Info

Amount: 20 μg / 100 μg

200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with Content:

0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is Storage condition:

stable for 24 months. Non-hazardous.

Application Note

Functional Studies (Order Ab without Azide); ,Flow Cytometry (0.5-1ug/million cells); Immunofluorescence (0.5-1ug/ml); ,

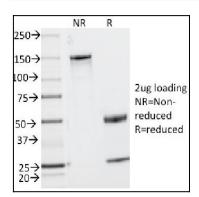


Fig. 1: SDS-PAGE Analysis Purified CD2 Mouse Monoclonal Antibody (UMCD2). Confirmation of Integrity and Purity of Antibody.