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30-1107: Anti-CD2 / LFA-2 Monoclonal Antibody (Clone:MEM-65)

Clonality :	Monoclonal
Clone Name :	MEM-65
Application :	FACS
Reactivity :	Human
Gene :	CD2
Gene ID :	914
Uniprot ID :	P06729
Format :	Purified
Alternative Name :	T-cell surface antigen CD2, Erythrocyte receptor, T-cell surface antigen T11/Leu-5
Isotype :	Mouse IgG1
Immunogen Information :	Human peripheral T cells.

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 :	0.1 mg
Purification :	Purified by protein-A affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

Application Note

Flow Cytometry *Recommended dilution:*1-5 µg/ml
Immunoprecipitation

For Research Use Only. Not for use in diagnostic/therapeutics procedures.