

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

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

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

#### Application Note

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