

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	LT2
<b>Application :</b>	FACS, IP
<b>Reactivity :</b>	Human
<b>Conjugate :</b>	APC
<b>Gene :</b>	CD2
<b>Gene ID :</b>	914
<b>Uniprot ID :</b>	P06729
<b>Alternative Name :</b>	T-cell surface antigen CD2, Erythrocyte receptor, T-cell surface antigen T11/Leu-5
<b>Isotype :</b>	Mouse IgG2b
<b>Immunogen Information :</b>	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

<b>Amount :</b>	100 tests
<b>Storage condition :</b>	Store in the dark at 2-8°C. Do not freeze. Avoid prolonged exposure to light.

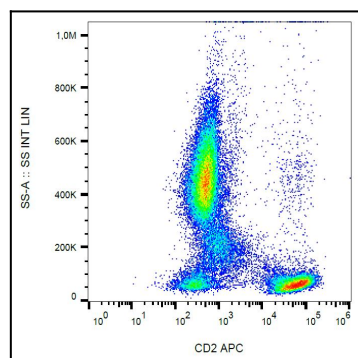


Figure 1: Surface staining of human peripheral blood cells with anti-human CD2 (LT2) APC.