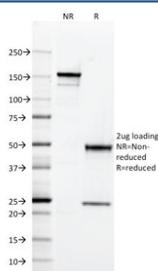


## CD2 Antibody [clone RPA-2.10] (V8198)

Catalog No.	Formulation	Size
V8198-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8198-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8198SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

### Bulk quote request

<b>Availability</b>	1-3 business days
<b>Species Reactivity</b>	Human
<b>Format</b>	Purified
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal (mouse origin)
<b>Isotype</b>	Mouse IgG1, kappa
<b>Clone Name</b>	RPA-2.10
<b>Purity</b>	Protein G affinity chromatography
<b>UniProt</b>	P06729
<b>Applications</b>	Functional Studies (order BSA/azide-free Format) : Flow Cytometry : 1-2ug/10 <sup>6</sup> cells in 0.1ml
<b>Limitations</b>	This CD2 antibody is available for research use only.



SDS-PAGE analysis of purified, BSA-free CD2 antibody (clone RPA-2.10) as confirmation of integrity and purity.

## 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.

## **Application Notes**

Optimal dilution of the CD2 antibody should be determined by the researcher.

## **Immunogen**

A recombinant full-length human CD2 protein was used as the immunogen for the CD2 antibody.

## **Storage**

Store the CD2 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).