10320 Camino Santa Fe, Suite G
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Human CellExp™ CD2 / SRBC, Human recombinant

CD2, SRBC, LFA-2, T11
Catalog # PBV11609r

Specification

Human CellExp™ CD2 / SRBC, Human recombinant - Product info

Primary Accession	P06729
Calculated MW	22.7 kDa. KDa

Human CellExp™ CD2 / SRBC, Human recombinant - Additional Info

Gene ID	914
Other Names	
CD2, SRBC, LFA-2, T11	
Gene Source	Human
Source	HEK 293 cells
Assay&Purity	SDS-PAGE;> 98%
Recombinant	Yes
Target/Specificity	
CD2	

Application Notes
Reconstitute in sterile deionized water to the desired protein concentration.

Format
Lyophilized

Storage
-20°C;Lyophilized from 0.22 μm filtered solution in PBS, pH7.4. Normally Trehalose is added as protectant before lyophilization.

Human CellExp™ CD2 / SRBC, Human recombinant - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

Human CellExp™ CD2 / SRBC, Human recombinant - Images

Human CellExp™ CD2 / SRBC, Human recombinant - Background

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T-cell surface antigen CD2 is also known as Erythrocyte receptor, LFA-2, LFA-3 receptor, Rosette receptor, T-cell surface antigen T11/Leu-5 and SRBC, is a single-pass type I membrane protein found on the surface of T cells and natural killer (NK) cells. CD2 is a member of the immunoglobulin superfamily. CD2 / SRBC contains 1 Ig-like C2-type (immunoglobulin-like) domain and 1 Ig-like V-type (immunoglobulin-like) domain. CD2 / SRBC interacts with other adhesion molecules, such as lymphocyte function-associated antigen-3 (LFA-3 / CD58) in humans, or CD48 in rodents, which are expressed on the surfaces of other cells. In addition to its adhesive properties, CD2 also acts as a co-stimulatory molecule on T and NK cells. CD2 is a specific marker for T cells and NK cells, and can therefore be used in immunohistochemistry to identify the presence of such cells in tissue sections.