

Datasheet for ABIN6952275

CD2 Protein (CD2) (AA 25-209) (Fc Tag)[Go to Product page](#)**2** Images

Overview

Quantity:	50 µg
Target:	CD2
Protein Characteristics:	AA 25-209
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Biological Activity:	Active
Purification tag / Conjugate:	This CD2 protein is labelled with Fc Tag.

Product Details

Purity:	>95 % as determined by SDS-PAGE.
Endotoxin Level:	Less than 1.0 EU per µg by the LAL method.

Target Details

Target:	CD2
Alternative Name:	CD2 (CD2 Products)
Background:	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

Target Details

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.

Molecular Weight: 47.7 kDa

Application Details

Restrictions: For Research Use only

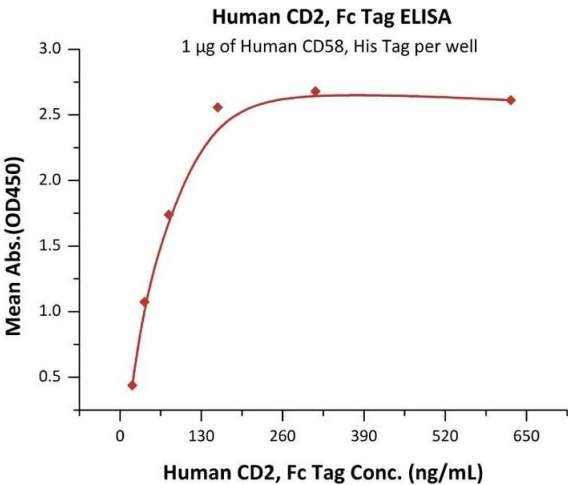
Handling

Format: Lyophilized

Buffer: Tris with Glycine, Arginine and NaCl, pH 7.5

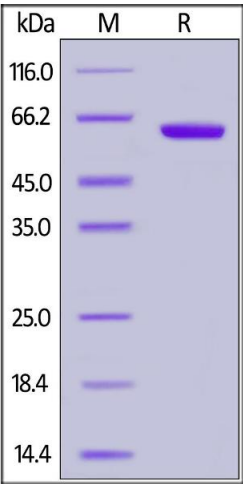
Storage: -20 °C

Images



ELISA

Image 1. Immobilized Human CD58, His Tag (ABIN2180814,ABIN2180813) at 10 µg/mL (100 µL/well) can bind Human CD2, Fc Tag (ABIN6950958,ABIN6952275) with a linear range of 5-156 ng/mL (QC tested).



SDS-PAGE

Image 2. Human CD2, Fc Tag on under reducing (R) condition. The gel was stained overnight with Coomassie Blue. The purity of the protein is greater than 95 % .