

CD2 Human, GST

Description:CD2 Human Recombinant (aa 25-209) expressed in E.coli, shows a 46 kDa band on SDS-PAGE. The CD2 is purified by proprietary chromatographic techniques.

Catalog #:PRPS-475

Synonyms:T-cell surface antigen CD2, T-cell surface antigen T11/Leu-5, LFA-2, LFA-3 receptor, Erythrocyte receptor, Rosette receptor, CD2 antigen, CD2, T11, SRBC.

For research use only.

Source:Escherichia Coli.

Physical Appearance:Sterile Filtered clear solution.

Formulation:

CD2 at 100

Stability:

Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months. Please prevent freeze-thaw cycles.

Usage:

NeoBiolab's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

Applications:

ELISA. Inhibition Assays. Western Blotting.

Introduction:

CD2 which is also known as E-rosette receptor, T11 and lymphocyte function antigen-2 (LFA-2) is expressed on T cells, thymocytes, and subset of natural killer cells. Human CD2 functions as the receptor for sheep erythrocytes, human CD58 (LFA-3), and CD15s (Sialyl Lewis X). p56lck, p59fyn, CD3eta and CD3epsilon are tyrosine-phosphorylated after CD2 stimulation. CD2 plays a role in T cell activation, T- or NK-cell-mediated cytolysis, apoptosis in activated peripheral T cells, and regulation of T cell energy.

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