



Product Data Sheet

□ Cat # RP-908

Recombinant Human CD2

Size: □ 2 ug

CD2 which is also known as E-rosette receptor, T11 and lymphocytefunction 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.

SOURCE:

CD2 Human Recombinant (aa 25-209) expressed in E.coli, shows a 46 kDa band on SDS-PAGE. CD2 at 100µg/ml in 50mM Tris-Acetate, pH7.5, 1mM EDTA and 20% Glycerol.

APPLICATION AND SUGGESTED DILUTIONS:

ELISA, Inhibition Assays., Western Blotting. Users must optimize the appropriate concentration and conditions for each assay.

STORAGE & STABILITY:

Store vial at -20°C to -80°C. When stored at the recommended temperature, this protein is stable for 12 months. If supplied in powder then reconstitute it in 100ul water for 1mg/mL stock and store in liquid at 4°C for ~ 1week or aliquots in suitable size and store at -20°C for long term storage.

USAGE:

This item is for LABORATORY RESEARCH USE ONLY.

RP-908 101008V