

Product Information

MemDX™ Antibody Discovery - Human CD2 / SRBC (25-209) Membrane Protein, Partial, - hIgG1 Fc tag

Cat. No.: **MP1094F**

This product is for research use only and is not intended for diagnostic use.

This membrane protein is Human CD2 / SRBC (25-209). It has been tested in SDS-PAGE, ELISA. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species

Human

Target Protein

CD2 / SRBC

Protein Length

ECD

Molecular Weight

The protein has a calculated MW of 47.7 kDa. The protein migrates as 55-65 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence

AA Lys 25 - Asp 209 (Accession # AAH33583).

Product Description

Activity

Yes

Application

SDS-PAGE, ELISA

Expression Systems

HEK293

Tag

Human IgG1 Fc tag at the C-terminus

Protein Format

Soluble

Form

LYOPH

Reconstitution

Please see Certificate of Analysis for specific instructions.

Endotoxin

<1.0 EU/μg by the LAL method

Purity

>95% as determined by SDS-PAGE.

Buffer

Lyophilized from 0.22 μm filtered solution in Tris with Glycine, Arginine and NaCl, pH7.5. Normally trehalose is added as protectant before lyophilization.

Storage

Stored at lyophilized form at -20°C or lower. Avoid repeated freeze-thaw cycles.

The antigen can be stable for 12 months in lyophilized form after storage at -20°C to -80°C, 3 months under sterile conditions after reconstitution after storage at -80°C.

Target

Target Protein

CD2 / SRBC

Full Name

CD2 molecule

Introduction

The protein encoded by this gene is a surface antigen found on all peripheral blood T-cells. The encoded protein interacts with LFA3 (CD58) on antigen presenting cells to optimize immune recognition. A locus control region (LCR) has been found in the 3' flanking sequence of this gene.

Alternative Names

CD2, CD2 molecule, CD2 antigen (p50), sheep red blood cell receptor , SRBC, T-cell surface antigen CD2, LFA-3 receptor, rosette receptor, erythrocyte receptor, lymphocyte-function antigen-2, T-cell surface antigen T11/Leu-5, CD2 antigen (p50), sheep red blood cell receptor, T11, SRBC, LFA-2, FLJ46032,

Gene ID

[914](#)

UniProt ID

[P06729](#)