

## Product Information

### MemDX™ Antibody Discovery - Human CD52 (25-36) Membrane Protein, Partial, -hIgG1 Fc tag

Cat. No.: **MP1109F**

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

This membrane protein is Human CD52 (25-36). 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

CD52

##### Protein Length

ECD

##### Molecular Weight

The protein has a calculated MW of 27.9 kDa. The protein migrates as 38-43 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

##### Sequence

AA Gly 25 - Ser 36 (Accession # P31358-1).

#### 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

CD52

### Full Name

CD52 molecule

### Introduction

May play a role in carrying and orienting carbohydrate, as well as having a more specific role.

### Alternative Names

CD52, CD52 molecule, CD52 antigen (CAMPATH 1 antigen) , CDW52, CAMPATH-1 antigen, he5, cambridge pathology 1 antigen, epididymal secretory protein E5, CD52 antigen (CAMPATH-1 antigen), CDW52 antigen (CAMPATH-1 antigen), human epididymis-specific protein 5, CDW52,

### Gene ID

[1043](#)

### UniProt ID

[P31358](#)