

## Product Information

### **MemDX™ Antibody Discovery - Cynomolgus Fc gamma RIIA/CD32a (28-208) Membrane**

#### **Protein, Partial, -His -Avi tag, [Biotin]**

Cat. No.: **MP1410F**

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

This membrane protein is Cynomolgus Fc gamma RIIA/CD32a (28-208). It has been tested in SDS-PAGE, SPR, BLI. We provide this protein to facilitate your membrane protein antibody discovery and development.

#### **Product Specifications**

##### **Host Species**

Cynomolgus

##### **Target Protein**

Fc gamma RIIA/CD32a

##### **Protein Length**

ECD

##### **Molecular Weight**

The protein has a calculated MW of 23.9 kDa. The protein migrates as 30-33 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

##### **Sequence**

AA Gln 28 - Pro 208 (Accession # Q8SPW4-1).

#### **Product Description**

##### **Activity**

Yes

##### **Application**

SDS-PAGE, SPR, BLI

##### **Expression Systems**

HEK293

##### **Tag**

His tag at the C-terminus followed by an Avi tag

##### **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 PBS, pH7.4. 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

Fc gamma RIIA/CD32a

### Full Name

Fc fragment of IgG receptor IIa

### Introduction

This gene encodes one member of a family of immunoglobulin Fc receptor genes found on the surface of many immune response cells. The protein encoded by this gene is a cell surface receptor found on phagocytic cells such as macrophages and neutrophils, and is involved in the process of phagocytosis and clearing of immune complexes. Alternative splicing results in multiple transcript variants.

### Alternative Names

CD32, FCG2, FcGR, CD32A, CDw32, FCGR2, IGFR2, FCGR2A1, low affinity immunoglobulin gamma Fc region receptor II-a, Fc fragment of IgG, low affinity IIa, receptor (CD32), Fc gamma receptor RIIa3, Immunoglobulin G Fc receptor II, fc-gamma-RIIa, fcRII-a, igG Fc receptor II-a

### Gene ID

[102143568](#)

### UniProt ID

[A0A140HDM3](#)