

Product Information

MemDX™ Antibody Discovery - Cynomolgus Fc gamma RIIB/CD32b (46-224) Membrane Protein, Partial, -His -Avi tag, [Biotin]

Cat. No.: **MP1415F**

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

This membrane protein is Cynomolgus Fc gamma RIIB/CD32b (46-224). 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 RIIB/CD32b

Protein Length

ECD

Molecular Weight

The protein has a calculated MW of 23.6 kDa. The protein migrates as 30-35 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence

AA Ala 46 - Pro 224 (Accession # Q8SPW3-1).

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 RIIB/CD32b

Full Name

Fc fragment of IgG receptor IIb

Introduction

The protein encoded by this gene is a low affinity receptor for the Fc region of immunoglobulin gamma complexes. The encoded protein is involved in the phagocytosis of immune complexes and in the regulation of antibody production by B-cells. Variations in this gene may increase susceptibility to systemic lupus erythematosus (SLE). Several transcript variants encoding different isoforms have been found for this gene.

Alternative Names

CD32, FCG2, CD32B, FCGR2, IGFR2, FCGR2C, FcRII-c, low affinity immunoglobulin gamma Fc region receptor II-b, CDw32, Fc fragment of IgG, low affinity II, receptor for (CD32), Fc fragment of IgG, low affinity IIb, receptor (CD32), Fc fragment of IgG, low affinity IIb, receptor for (CD32), Fc gamma RIIB, Fc gamma receptor IIb, Fc-gamma RII-c, Fc-gamma-RIIc, IgG Fc receptor II-c, Low affinity immunoglobulin gamma Fc region receptor II-c, fc-gamma RII-b, fc-gamma-RIIB, fcRII-b, igG Fc receptor II-b

Gene ID

[102139530](#)

UniProt ID

[A0A140HDN4](#)