

Product Information

MemDX™ Antibody Discovery - Human Fc gamma RIIB/CD32b (46-217) Membrane Protein, Partial, -His tag

Cat. No.: **MP1416F**

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

This membrane protein is Human Fc gamma RIIB/CD32b (46-217). 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

Human

Target Protein

Fc gamma RIIB/CD32b

Protein Length

ECD

Molecular Weight

The protein has a calculated MW of 20.4 kDa. The protein migrates as 25-33 kDa under reducing (R) condition (SDS-PAGE) due to different glycosylation.

Sequence

AA Ala 46 - Pro 217 (Accession # P31994).

Product Description

Activity

Yes

Application

SDS-PAGE, SPR, BLI

Expression Systems

HEK293

Tag

His 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 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

[2213](#)

UniProt ID

[P31994](#)