

Product Information

MemDX™ Antibody Discovery - Mouse IgG1 Fc (111-324) Membrane Protein, Partial

Cat. No.: **MP0341F**

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

This membrane protein is Mouse IgG1 Fc (111-324). It has been tested in SDS-PAGE. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species

Mouse

Target Protein

IgG1 Fc

Protein Length

ECD

Molecular Weight

The protein has a calculated MW of 24.3 kDa. The protein migrates as 28-30 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence

AA Val 111 - Lys 324 (Accession # AAK53870.1).

Product Description

Application

SDS-PAGE

Expression Systems

HEK293

Tag

No 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 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**

IgG1 Fc

Full Name

immunoglobulin heavy constant gamma 1

Alternative Names

IgG; IgG1; Igh-; Igh-4; VH7183; immunoglobulin heavy chain 4 (serum IgG1); immunoglobulin heavy chain V region

Gene ID

[16017](#)

UniProt ID

[P01868](#)