

Product Information

MemDX™ Antibody Discovery - Human CD79B (29-159) Membrane Protein, Partial, -hIgG1

Fc tag

Cat. No.: **MP1316F**

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

This membrane protein is Human CD79B (29-159). It has been tested in SDS-PAGE. We provide this protein to facilitate your membrane protein antibody discovery and development.

Product Specifications

Host Species

Human

Target Protein

CD79B

Protein Length

ECD

Molecular Weight

The protein has a calculated MW of 41.8 kDa. The protein migrates as 55-65 kDa under reducing (R) condition (SDS-PAGE) due to glycosylation.

Sequence

AA Ala 29 - Asp 159 (Accession # NP_000617).

Product Description

Application

SDS-PAGE

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

>90% 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**

CD79B

Full Name

CD79b molecule

Introduction

The B lymphocyte antigen receptor is a multimeric complex that includes the antigen-specific component, surface immunoglobulin (Ig). Surface Ig non-covalently associates with two other proteins, Ig-alpha and Ig-beta, which are necessary for expression and function of the B-cell antigen receptor. This gene encodes the Ig-beta protein of the B-cell antigen component. Alternatively spliced transcript variants encoding different isoforms have been described.

Alternative Names

B29; IGB; AGM6; B-cell antigen receptor complex-associated protein beta chain; B-cell-specific glycoprotein B29; CD79b antigen (immunoglobulin-associated beta); CD79b molecule, immunoglobulin-associated beta; Ig-beta; immunoglobulin-associated B29 protein

Gene ID

[974](#)

UniProt ID

[P40259](#)