

Product Information

MemDX™ Human CD79B MC-38 Cell Line

Cat. No.: **S01YF-0324-KX3**

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

Product Information

Target Protein

CD79B

Target Protein Species

Human

Host Cell Type

MC-38

Target Classification

Oncology

Target Family

Oncology

Target Research Area

Cancer Research; Immunology Research

Related Diseases

Autosomal Agammaglobulinemia

Product Properties

Assay Types

Functional assay and biological assay

Mycoplasma Testing

Negative

Biosafety Level

Level 1

Activity

Yes

Form

Frozen cells

Freeze Medium

70% RPMI 1640 + 20% FBS + 10% DMSO

Culture Medium

RPMI 1640 + 10% FBS

Selective Antibiotic(s)

Regular antibiotics active against mycoplasmas, bacteria and fungi.

Handling Notes

Frozen cells should be thawed immediately upon receipt and grown according to handling procedure to ensure cell viability and proper assay performance.

Note: Do not freeze the cells upon receipt as it may result in irreversible damage to the cell line.

Disclaimer: We cannot guarantee cell viability if the cells are not thawed immediately upon receipt and grown according to handling procedure.

Incubation

37°C with 5% CO₂

Applications

Drug screening and biological assays

Application Notes

Cells were plated in a 384-well plate and incubated overnight at 37°C and 5% CO₂ to allow the cells to attach and grow. Cells were then stimulated with a control for high-throughput drugs screening and functional assays.

Use Restrictions

These cells are distributed for research use only.

Shipping

Dry ice

Storage

Liquid nitrogen

Target

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

CD79B; 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; CD79b molecule

Gene ID

974

UniProt ID

P40259