

MR1 | 305000

Description

MR1 is a murine myeloid dendritic cell (MDC) line derived from the spleen of NS-1 mice. It is a CD154⁺CD40⁺ cell that expresses a variety of costimulatory molecules and is capable of inducing T cell proliferation and differentiation. MR1 is a myeloid dendritic cell (MDC) that is derived from the spleen of NS-1 mice. It is a CD154⁺CD40⁺ cell that expresses a variety of costimulatory molecules and is capable of inducing T cell proliferation and differentiation.

Organism *Mouse*

Morphology *Adherent*

Growth properties *Adherent*

Citation MR1 (ATCC CRL-305000)

Biosafety level 1

NCBI_TaxID 10090/10032

CellosaurusAccession CVCL_8964

Protein expression CD40, CD154, CD40L, gp39

Culture Medium RPMI 1640, 2.0% FBS, 2.0% NaHCO₃ (820700a)

Supplements 10% FBS, 0.05% 2-Mercaptoethanol

MR1 | 305000

Subculturing 5

Fluid renewal 2 3

Freeze medium (FBS) + 10% DMSO

- 1. Thawing and Culturing Cells
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

Incubation Atmosphere 37

Flask Coating

Freezing Procedure

Shipping Conditions

Storage Conditions

/ / HLA

