

MM.1R | 305435

Description	MM1.R MM1 MM1.R MM1.S
	MM1.R MM1.S
	MM1.R
Organism	
Tissue	
Disease	
Synonyms	MM1.r, MM.1R, MM1-R, MM-1R, MM1R, MM1.R(L), MM1.RL
Age	45
Gender	
Ethnicity	
Morphology	
Cell type	
Growth properties	/
Citation	MM.1R (Cytion 305435)
Biosafety level	1
NCBI_TaxID	9606
CellosaurusAccession	CVCL_8794

Product sheet

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Receptors expressed	CD25 ⁺ , CD38 ⁺ , CD52 ⁺ , CD59 ⁺
Protein expression	TRAF3, p.Val536_Asn545delValPheValAlaGlnThrValLeuGluAsninsAsp (c.1604-1630delTCTTTGTGGCCCAACTGTTCTAGAAA),
Antigen expression	CD25 ⁻ , CD38 ⁺ , CD52 ⁺ , CD59 ⁺
Mutational profile	CD25 ⁻ , CD38 ⁺ , CD52 ⁺ , CD59 ⁺
Culture Medium	RPMI 1640, w: 2.0 mM NaHCO_3 (Cytion 820700a)
Supplements	FBS 10%
Dissociation Reagent	
Seeding density	$4\text{--}5 \times 10^5/\text{ml}$
Freeze medium	(FBS) + 10% DMSO

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Thawing and
Culturing Cells

- 1. Thaw cells rapidly at 37°C.
- 2. Add cells to cryovial containing 1 ml of medium.
- 3. Incubate cells at 37°C for 24 hours.
- 4. Seed cells into 96-well plate at 70% confluency.
- 5. Incubate cells at 37°C for 15 days.
- 6. Harvest cells by centrifugation at 300 x g for 3 minutes.
- 7. Wash cells with PBS and resuspend in 10 µl of lysis buffer.
- 8. Store samples at -150 °C.

Incubation
Atmosphere

37°C, 5% CO₂, humidified

Shipping
Conditions

Cells are shipped on dry ice in a cool box.

Storage
Conditions

Cells can be stored at -150 °C for up to 1 year.

Sterility

Cells are tested for mycoplasma contamination using PCR. Cells are also tested for endotoxin levels.