

ANA-1 | 305172

General information

Description	Ana-1 BALB/c Analogous Ana-1
Organism	
Tissue	
Synonyms	ANA-1, ANA1

Genetic background

Breed/Subspecies	C57BL/6
Morphology	
Growth properties	

Identification

Citation	Ana-1 (Cytion 305172)
Biosafety level	1
NCBI_TaxID	10090
CellosaurusAccession	CVCL_0142

Media and supplements

Culture medium

Culture Medium	RPMI 1640, w: 2.0 mM , w: 2.0 / NaHCO3 (Cytion 820700a)
Supplements	FBS 10%, P/S 1%

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Dissociation Reagent	0.25% Trypsin-EDTA
Subculturing	15 min at 37°C in PBS + 10% FBS
Seeding density	2 × 10 ⁴ - 4 × 10 ⁵ cells/cm ²
Fluid renewal	2 × 10 ³ - 1 × 10 ⁶ cells
Freeze medium	DMEM + 10% FBS + 10% DMSO
Thawing and Culturing Cells	1. Thaw cells rapidly at 37°C. 2. Dilute cells in DMEM + 10% FBS cryovial and store at -150 °C. 3. Remove cells from storage and thaw at 37°C. 4. Wash cells with PBS containing penicillin/streptomycin (70%). 5. Seed cells into T75 flasks at 15 × 10⁴ cells/flask. 6. Incubate cells at 37°C, 5% CO₂, humidified atmosphere. 7. Monitor cell growth daily under microscope. 8. Pass cells once they reach confluence.
Incubation Atmosphere	37°C, 5% CO ₂ , humidified
Shipping Conditions	On ice
Storage Conditions	-150 °C to -196 °C

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