

Product sheet

WEHI-164 | 400438

WEHI-164

Description WEHI-164 is a murine B cell hybridoma cell line derived from a BALB/c mouse. It produces monoclonal antibodies against CD3. WEHI-164 is a murine B cell hybridoma cell line derived from a BALB/c mouse. It produces monoclonal antibodies against CD3. WEHI-164 is a murine B cell hybridoma cell line derived from a BALB/c mouse. It produces monoclonal antibodies against CD3.

Organism Murine

Disease B cell lymphoma

Synonyms WEHI 164, WEHI164, WEHI 164 TC

Characteristics

Breed/Subspecies BALB/c

Morphology B cell

Cell type B cell

Growth properties Adherent

References

Citation WEHI-164 (ATCC CRL 2739) | Cytion 400438

Biosafety level 1

NCBI_TaxID 10090

CellosaurusAccession CVCL_2251

Additional information

Tumorigenic No, Balb/c

Notes

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Culture Medium RPMI 1640, w: 2.0 mM β -mercaptoethanol, w: 2.0 g/L NaHCO₃ (Cytion 820700a)

Supplements 10% FBS

Dissociation Reagent Trypsin

Subculturing Cells are cultured in RPMI 1640 medium supplemented with 10% FBS and 2.0 mM β -mercaptoethanol. Cells are grown in T25 flasks, 3-5 \times 10⁶ cells per flask. Cells are harvested by trypsinization and centrifugation.

Seeding density 1 x 10⁴ cells/cm²

Fluid renewal 2-3 times per week

Post-Thaw Recovery Cells are thawed and seeded into fresh medium. Cells are allowed to recover for 48 hours before use.

Freeze medium RPMI 1640 medium supplemented with 10% FBS and 10% DMSO

- Thawing and Culturing Cells**
1. Cells are thawed in a 37°C water bath and immediately added to fresh medium.
 2. Cells are centrifuged at 300 x g for 3 minutes and resuspended in fresh medium.
 3. Cells are seeded into T25 flasks at a density of 1 x 10⁴ cells/cm².
 4. Cells are allowed to recover for 48 hours before use.
 5. Cells are grown in RPMI 1640 medium supplemented with 10% FBS and 2.0 mM β -mercaptoethanol.
 6. Cells are harvested by trypsinization and centrifugation.
 7. Cells are resuspended in fresh medium and seeded into new flasks.
 8. Cells are allowed to recover for 48 hours before use.

Incubation Atmosphere 37°C, 5% CO₂

