

Product sheet

WEHI-3B | 400376

General information

Description	WEHI-3B is a B cell line derived from a murine hybridoma cell line. It produces monoclonal antibodies against CD4. The cell line is maintained in culture and is used for the production of monoclonal antibodies.
Organism	Murine
Tissue	B lymphocytes
Disease	None (Hybridoma)
Synonyms	WEHI-3B, WEHI-3B, WEHI-3B, WEHI-3B, WEHI-3B, WEHI-3B

Characteristics

Breed/Subspecies	Hybridoma
Cell type	B lymphocytes
Growth properties	Adherent

Identification

Citation	WEHI-3B (ATCC CRL 1582) (400376)
Biosafety level	2
NCBI_TaxID	10090
CellosaurusAccession	CVCL_2239

Antibodies and Reagents

Receptors expressed	CD4 (Fc) CD4 (C3)
Viruses	None

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Products γ -globulin (G-CSA) 3% γ -globulin 3% γ -globulin 3%

Media

Culture Medium RPMI 1640 2.0 mM β -mercaptoethanol 2.0 mM/NaHCO₃ (820700a)

Supplements 10% FBS

Subculturing 5-6

Seeding density 1×10^5 cells/ml

Fluid renewal 2-3 times

Post-Thaw Recovery 24 hours

Freeze medium 10% FBS + 10% DMSO

- Thawing and Culturing Cells**
1. Thaw cells rapidly in a 37°C water bath.
 2. Centrifuge cells at 300 x g for 3 minutes.
 3. Resuspend cells in 10% FBS medium.
 4. Seed cells into a 24-well plate at a density of 1×10^5 cells/ml.
 5. Incubate cells for 24 hours.
 6. Refresh medium every 2-3 days.
 7. Subculture cells when they reach 70-80% confluency.
 8. Freeze cells for long-term storage.

