

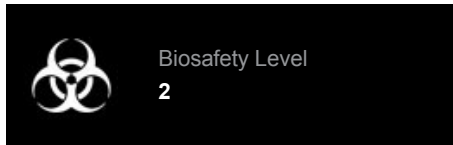


Product Sheet

1A8 MOUSE T CELL HYBRIDOMA

(HB-8090)

Please read this FIRST



Intended Use

This product is intended for research use only. It is not intended for any animal or human therapeutic or diagnostic use.

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U.S. Patent Number:
4,473,642

Technical Information

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Product Description

Designation: 1A8 MOUSE T CELL HYBRIDOMA

Organism: *Mus musculus*
, mouse

Cell Type: hybridoma: T lymphoblast

Morphology: lymphoblast

Batch-Specific Information

Refer to the Certificate of Analysis for batch-specific test results.

SAFETY PRECAUTION

ATCC highly recommends that protective gloves and clothing always be used and a full face mask always be worn when handling frozen vials. It is important to note that some vials leak when submersed in liquid nitrogen and will slowly fill with liquid nitrogen. Upon thawing, the conversion of the liquid nitrogen back to its gas phase may result in the vessel exploding or blowing off its cap with dangerous force creating flying debris.

Unpacking & Storage Instructions

1. Check all containers for leakage or breakage.
2. Remove the frozen cells from the dry ice packaging and immediately place the cells at a temperature below -130°C, preferably in liquid nitrogen vapor, until ready for use.

Handling Procedure for Frozen Cells

Part A. FROZEN CELLS

Vol./Ampule: 1.0 mL

Recommended Handling Upon Receipt: Initiate culture as soon as possible upon receipt. Thaw by rapid agitation in 37°C water bath. See instructions on back.

Dilute ampule contents with culture medium (see batch data above). Add fresh medium (depending on cell density) every 2-3 days.

Handling Procedure for Flask Cultures

Part B. FLASK CULTURES

Recommended Handling Upon Receipt:

Subculturing Procedure

Medium Renewal: Every 2 to 3 days

Comments



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BW5147 T cell lymphoma cells were fused with phytohemagglutinin stimulated LBRM-33 lymphoma cells.

This line is the parent of 1A8C3C10 (see ATCC HB-8089).

The cells constitutively produce IL-2 and do not require lectin stimulation.

suspension

murine interleukin 2 (interleukin-2, IL-2)

RPMI 1640 medium, 40%; fetal bovine serum, 50%; DMSO, 10%

Cultures can be maintained by addition or replacement of fresh medium. Start cultures at 2×10^5 cells/ml and maintain between 1×10^5 and 6×10^5 cells/ml.

Handle as potentially biohazardous material under at least Biosafety Level 2 containment.



Propagation

Complete Growth Medium

Click's medium, 90%; fetal bovine serum, 10%

Culture Medium: Click's medium, 90%; fetal bovine serum, 10%.



References

References and other information relating to this product are available online at www.atcc.org.



Biosafety Level: 2

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the current publication of the *Biosafety in Microbiological and Biomedical Laboratories* from the U.S. Department of Health and Human Services Centers for Disease Control and Prevention and National Institutes for Health.

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