



Product Sheet

B5 NIH (MOUSE HYBRIDOMA)

(HB-10569)

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:
5,242,813

Technical Information

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Product Description

Designation: B5 NIH (MOUSE HYBRIDOMA)
Organism: *Mus musculus* (B cell); *Mus musculus* (myeloma), mouse (B cell); mouse (myeloma)
Isotype: Secretes a mouse IgM monoclonal antibody.

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 submerged 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.

Subculturing Procedure

Medium Renewal: Every 2 to 3 days

Comments

Animals were immunized with A-431 cells (human epidermoid carcinoma). Spleen cells were fused with P3X63Ag8 myeloma cells. The antibody reacts with a variety of normal primate tissues (largely epithelial) and with mucin producing and non-mucin producing human carcinomas. The pattern of reactivity is similar to but distinct from the the pattern seen with the BR96 hybridoma (anti Lewis Y antigen, Cancer Res. 50:2183-2190, 1990).
suspension
immunoglobulin; monoclonal antibody; against an antigen expressed on normal primate tissue, malignant human cultured cells and human tumors
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 1×10^6 cells/ml.

Propagation

Complete Growth Medium



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RPMI 1640 medium with 1 mM sodium pyruvate, 90%; fetal bovine serum, 10%
Culture medium: RPMI 1640 with 1 mM sodium pyruvate, 90%; fetal bovine serum, 10%.



References

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



Biosafety Level: 1

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.

ATCC Warranty

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