



## Product Sheet

# C129 MOUSE HYBRIDOMA (HB-9516)

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:

4,959,310

## Technical Information

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## Product Description

**Designation:** C129 MOUSE HYBRIDOMA

**Organism:** *Mus musculus* (B cell); *Mus musculus* (myeloma), mouse (B cell); mouse (myeloma)

**Cell Type:** hybridoma: B lymphocyte

**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.

## Subculturing Procedure

**Medium Renewal:** Every 2 to 3 days

## Comments

Animals were immunized with Kunitz soybean trypsin inhibitor (KTI).

Spleen cells were fused with P3-NSI/1-Ag4-1 myeloma cells.

The antibody reacts preferentially with the a and c isoforms of KTI and binds equally well to KTI - trypsin complexes.

It does not discriminate between native and denatured KTI.

suspension

immunoglobulin; monoclonal antibody; against Kunitz soybean trypsin inhibitor

culture medium, 90%; DMSO, 10%

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

## Propagation

## Complete Growth Medium



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RPMI 1640 medium with 2 mM L-glutamine, 1 mM sodium pyruvate and 10 mM HEPES, 85%; horse serum, 15%  
Culture medium: RPMI 1640 with 2 mM L-glutamine, 1 mM sodium pyruvate and 10 mM HEPES, 85%; horse serum, 15%.



### **References**

References and other information relating to this product are available online at [www.atcc.org](http://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.

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