



## Product Sheet

# B38.1 (ATCC® HB-8110™)

### 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.

### Complete Growth Medium

Iscove's modified Dulbecco's medium, 80%; fetal bovine serum, 20%

Culture Medium: Iscove's modified Dulbecco's medium, 80%; fetal bovine serum, 20%.

### Citation of Strain

If use of this culture results in a scientific publication, it should be cited in that manuscript in the following manner: B38.1 (ATCC® HB-8110™)

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Or contact your local distributor

## Description

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

**Isotype:** IgG1

**Disease:** Carcinoma, sarcoma

**Cell Type:** hybridoma: B lymphocyte

**Morphology:** lymphoblast

**Growth Properties:** suspension

## 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  $-130^{\circ}\text{C}$ , 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  $37^{\circ}\text{C}$  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:

Suspension Cultures: The culture flasks have been completely filled with medium for shipment. Remove the entire contents of the flask and centrifuge at  $300 \times g$  for 15 minutes. Resuspend the cell pellet as suggested under subculture procedure described above.

## Subculturing Procedure

**Subcultivation Ratio:** A subcultivation ratio of 1:5 is recommended

**Medium Renewal:** 3 times per week

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

## Comments

Animals were immunized with membrane enriched fractions of extracts from either of two human breast tumor metastases to the liver (Met 1 and Met 2).

Spleen cells were fused with NS-1 myeloma cells.

The antibody reacts weakly with extracts of both metastases and with live cells, and strongly with live BT-20 (ATCC HTB-19), MCF7 (ATCC HTB-22) and or ZR-75-1 (ATCC CRL-1500) mammary carcinoma cells.

The antibody does not react with liver extracts or a variety of live normal and sarcoma cells.

## References

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



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**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**

ATCC® products are warranted for 30 days from the date of shipment, and this warranty is valid only if the product is stored and handled according to the information included on this product information sheet. If the ATCC® product is a living cell or microorganism, ATCC lists the media formulation that has been found to be effective for this product. While other, unspecified media may also produce satisfactory results, a change in media or the absence of an additive from the ATCC recommended media may affect recovery, growth and/or function of this product. If an alternative medium formulation is used, the ATCC warranty for viability is no longer valid.

**Disclaimers**

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Additional information on this culture is available on the ATCC web site at [www.atcc.org](http://www.atcc.org).  
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