alpha BL5C2.870005 [870005, aBL5C2.870005]

CRL-3780™

Description

The antibody neutralizes BHV-1 and is protective against BHV-1 induced mortality in rabbits.

This material is ATCC manufactured progeny of alpha BL5C2.870005 [870005, aBL5C2.870005], cited in US. Pat. No. 5,026,646 as HB-9907.
Organism: bovine (B cell); mouse (myeloma)
Cell Type: hybridoma: b lymphocyte
Morphology: lymphoblast
Growth properties: Suspension

Storage Conditions

Product format: Frozen

Intended Use

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

BSL 1

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ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

ATCC highly recommends that appropriate personal protective equipment is always used when handling vials. For cultures that require storage in liquid nitrogen, it is important to note that some vials may 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 vial exploding or blowing off its cap with dangerous force creating flying debris. Unless necessary, ATCC recommends that these cultures be stored in the vapor phase of liquid nitrogen rather than submersed in liquid nitrogen.

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Growth Conditions

Temperature: 37°C

Handling Procedures

Unpacking and storage instructions:

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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.

Complete medium: Dulbecco's modified Eagle's medium with 4.5 g/L glucose, 90%; horse serum, 10%

Handling Procedure: 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.

Subculturing procedure:

Medium Renewal: Every 2 to 3 days

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

Reagents for cryopreservation: Fetal bovine serum supplemented with 15% (v/v) DSMO (ATCC 4-X)

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner:

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References

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

Warranty

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Contact Information

ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

Worldwide telephone: +1-703-365-2700

Email: tech@atcc.org or contact your local distributor