

**Monoclonal Anti-*Mycobacterium tuberculosis* Ag85 Complex (FbpA/FbpB/FbpC; Genes Rv3804c, Rv1886c, Rv0129c), Clone P4B3G2 (produced *in vitro*)**

**Catalog No. NR-50572**

This reagent is the tangible property of the U.S. Government.

**For research use only. Not for human use.**

**Contributor and Manufacturer:**

BEI Resources

**Product Description:**

Antibody Class: IgG1k

Antibody Designation: P4B3G2

Monoclonal antibody to *Mycobacterium tuberculosis* (*M. tuberculosis*), strain H37Rv antigen 85 (Ag85) complex (fibronectin-binding proteins FbpA/FbpB/FbpC) was produced in cell culture using a B cell hybridoma generated by the fusion of myeloma cells with immunized mouse splenocytes.

**Note:** NR-50572 replaces NR-13826, a monoclonal antibody to *M. tuberculosis* Antigen 85 Complex, Clone IT-44 (HBT7). The hybridoma (clone IT-44 (HBT7)) used to make NR-13826 is no longer available. A new hybridoma was made using the Antigen 85 Complex protein, BEI Resources NR-14855. The monoclonal antibodies produced by the two hybridomas are to the same protein.

**Material Provided:**

Each vial contains approximately 100 µL of purified monoclonal antibody in PBS, pH 7.4. The concentration, expressed as mg per mL, is shown on the Certificate of Analysis.

**Packaging/Storage:**

NR-50572 was packaged aseptically in screw-capped plastic vials and is provided frozen on dry ice. The product should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be avoided.

**Citation:**

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Monoclonal Anti-*Mycobacterium tuberculosis* Ag85 Complex (FbpA/FbpB/FbpC; Genes Rv3804c, Rv1886c, Rv0129c), Clone P4B3G2 (produced *in vitro*), NR-50572."

**Biosafety Level: 1**

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see [www.cdc.gov/biosafety/publications/bmbl5/index.htm](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

**Disclaimers:**

You are authorized to use this product for research use only. It is not intended for human use.

Use of this product is subject to the terms and conditions of the BEI Resources Material Transfer Agreement (MTA). The MTA is available on our Web site at [www.beiresources.org](http://www.beiresources.org). While BEI Resources uses reasonable efforts to include accurate and up-to-date information on this product sheet, neither ATCC® nor the U.S. Government makes any warranties or representations as to its accuracy. Citations from scientific literature and patents are provided for informational purposes only. Neither ATCC® nor the U.S. Government warrants that such information has been confirmed to be accurate.

This product is sent with the condition that you are responsible for its safe storage, handling, use and disposal. ATCC® and the U.S. Government are not liable for any damages or injuries arising from receipt and/or use of this product. While reasonable effort is made to ensure authenticity and reliability of materials on deposit, the U.S. Government, ATCC®, their suppliers and contributors to BEI Resources are not liable for damages arising from the misidentification or misrepresentation of products.

**Use Restrictions:**

**This material is distributed for internal research, non-commercial purposes only.** This material, its product or its derivatives may not be distributed to third parties. Except as performed under a U.S. Government contract, individuals contemplating commercial use of the material, its products or its derivatives must contact the contributor to determine if a license is required. U.S. Government contractors may need a license before first commercial sale.

**References:**

1. Cole, S. T., et al. "Deciphering the Biology of *Mycobacterium tuberculosis* from the Complete Genome Sequence." *Nature* 393 (1998): 537-544. PubMed: 9634230. Erratum in: *Nature* 396 (1998): 190-198.
2. MycoBrowser: [Rv3804c](#), [Rv1886c](#), [Rv0129c](#)

ATCC® is a trademark of the American Type Culture Collection.

