

Monoclonal Anti-*Mycobacterium tuberculosis* PhoS1/PstS1 (Rv0934), Clone IT-23 (TB71) (produced *in vitro*)

Catalog No. NR-51409

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Contributor and Manufacturer:

BEI Resources

Product Description:

Antibody Class: IgG_{2b}k

Antibody Designation (Original Designation): IT-23 (TB71)

Monoclonal antibody to *Mycobacterium tuberculosis*, strain H37Rv periplasmic phosphate-binding lipoprotein (PhoS1/PstS1) was produced in cell culture using a B cell hybridoma generated by the fusion of myeloma cells with immunized mouse splenocytes.

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-51409 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* PhoS1/PstS1 (Rv0934), Clone IT-23 (TB71) (produced *in vitro*), NR-51409.”

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.

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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: [Rv0934](#)

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