

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

**Catalog No. NR-13790**

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

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

**Contributor:**

NIH - TB Vaccine Testing and Research Materials Contract

**Product Description:**

Antibody Class: IgG<sub>2a</sub>

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 500 µL of NR-13790 provided as cell culture supernatant.

**Packaging/Storage:**

NR-13790 was packaged aseptically in screw-cap cryovials. The product is provided frozen on dry ice and should be stored at -80°C or colder immediately upon arrival. Freeze-thaw cycles should be avoided.

**Citation:**

Acknowledgment for publications should read "The following reagent was obtained through the NIH Biodefense and Emerging Infections Research Resources Repository, NIAID, NIH: Monoclonal Anti-*Mycobacterium tuberculosis* PhoS1/PstS1 (Rv0934), Clone IT-23 (TB71) (produced *in vitro*), NR-13790."

**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, 2007; see [www.cdc.gov/od/ohs/biosfty/bmbl5/bmbl5toc.htm](http://www.cdc.gov/od/ohs/biosfty/bmbl5/bmbl5toc.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. TubercuList: [Rv0934](http://Rv0934)

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