

Monoclonal Anti-*Mycobacterium tuberculosis* PhoS1/PstS1 (Gene Rv0934), Clone IT-15 (TB72) (produced *in vitro*)

Catalog No. NR-13605

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

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Contributor:

NIH - TB Vaccine Testing and Research Materials Contract

Manufacturer:

BEI Resources or Colorado State University

Product Description:

Antibody Class: IgG₁
 Antibody Designation (Original Designation): IT-15 (TB72)
 Monoclonal antibody to *Mycobacterium tuberculosis*, strain H37Rv periplasmic phosphate-binding lipoprotein (PhoS1/PstS1) (also known as 38 kDa protein) 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 1.0 mL of NR-13605 provided as cell culture supernatant.

Packaging/Storage:

NR-13605 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 BEI Resources, NIAID, NIH: Monoclonal Anti-*Mycobacterium tuberculosis* PhoS1/PstS1 (Gene Rv0934), Clone IT-15 (TB72) (produced *in vitro*), NR-13605."

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. TubercuList: [Rv0934](#)

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