

Monoclonal Anti-*Mycobacterium tuberculosis* LpqH (Gene Rv3763), Clone B (8E6-A5) (produced *in vitro*)

Catalog No. NR-50098

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Contributor:

BEI Resources

Manufacturer:

Karen Dobos, Ph.D., Colorado State University, Fort Collins, Colorado, USA

Product Description:

Antibody Class: IgM

Monoclonal antibody to *Mycobacterium tuberculosis*, strain H37Rv 19 kDa lipoprotein (LpqH; Rv3763), clone B (8E6-A5) 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 NR-50098 provided as cell culture supernatant.

Packaging/Storage:

NR-50098 was packaged aseptically in cryovials. The product is provided frozen on dry ice and 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* LpqH (Gene Rv3763), Clone B (8E6-A5) (produced *in vitro*), NR-50098."

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. Grodzki, A. C. and E. Berenstein. "Antibody Purification: Ammonium Sulfate Fractionation or Gel Filtration." [Methods Mol. Bio.](#) 588 (2010): 15-26. PubMed: 20012814.
2. Hnasko, R., et al. "A Rapid Method to Improve Protein Detection by Indirect ELISA." [Biochem. Biophys. Res. Commun.](#) 410 (2011): 726-731. PubMed: 21679691.
3. MycoBrowser: [Rv3763](#)
4. 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.

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