

**Polyclonal Anti-*Mycobacterium*
ML0317/GroEL2 (antiserum, Rabbit)**

Catalog No. NR-19363

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

For research use only. Not for human use.

Contributor and Manufacturer:

NIH – Leprosy Research Support Contract

Product Description:

Antibody Designation: α -Rv0440

Polyclonal antiserum to chaperonin protein (also referred to as Rv0440, GroEL2 and 65 kDa heat shock protein) of *Mycobacterium tuberculosis* (*M. tuberculosis*) was produced in rabbits. The *M. leprae* homologue of Rv0440, ML0317, has 94% amino acid identity with the *M. tuberculosis* protein and shows the same reactivity with the polyclonal antiserum as Rv0440.¹ The antiserum is reported to be active in ELISA and Western Blot assays.

Material Provided:

Each vial contains approximately 250 μ L of lyophilized NR-19363 provided as serum.

Note: NR-19363 can be reconstituted in sterile distilled water.

Packaging/Storage:

NR-19363 was packaged aseptically in cryovials. The product is provided frozen 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: Polyclonal Anti-*Mycobacterium* ML0317/GroEL2 (antiserum, Rabbit), NR-19363.”

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.

Disclaimers:

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References:

1. Spencer, J. S., Personal Communication.

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