

Polyclonal anti-*Mycobacterium leprae* PGL-I, Clone A192 (antiserum, Rabbit)

Catalog No. NR-19355

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Contributor:

BEI Resources or NIH – Leprosy Research Support Contract

Manufacturer:

Karen Dobos, PhD., Colorado State University, Fort Collins, Colorado, USA and NIH – Leprosy Research Support Contract

Product Description:

Antibody Designation: A192

Polyclonal antiserum to phenolic glycolipid I (PGL-I) of *Mycobacterium leprae* was produced in rabbits. The antiserum is reported to be active in ELISA and Western Blot assays.

Material Provided:

Each vial contains approximately 250 µL of NR-19355 provided as serum.

Note: Each vial from lot rp.MlepPGL-I.10.31.92BR was provided as a lyophilized product. Lot rp.MlepPGL-I.10.31.92BR can be reconstituted in sterile distilled water.

Packaging/Storage:

NR-19355 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 leprae* PGL-I, Clone A192 (antiserum, Rabbit), NR-19355.”

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 <http://www.cdc.gov/biosafety/publications/bmbl5/index.htm>.

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References:

1. Cole, S. T., et al. “Massive Gene Decay in the Leprosy Bacillus.” Nature 409 (2001): 1007-1011. PubMed: 11234002.
2. Brennan, P. J. “Skin Test Development in Leprosy: Progress with First-Generation Skin Test antigens, and an Approach to the Second Generation.” Lepr. Rev. 71 (2000) Suppl S50-4. PubMed: 11201887.
3. Spencer, J. S., et al. “Analysis of Antibody Responses to *Mycobacterium leprae* Phenolic Glycolipid I, Lipoarabinomannan, and Recombinant Proteins to Define Disease Subtype-Specific Antigenic Profiles in Leprosy.” Clin. Vaccine Immunol. 18 (2011): 260-267. PubMed: 21177913.

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