

Monoclonal Anti-*Mycobacterium leprae* LAM, Clone 906.41 (produced *in vitro*)

Catalog No. NR-52146

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Contributor and Manufacturer:

BEI Resources

Product Description:

Antibody Class: IgG_{3κ}

Antibody Designation: 906.41

Monoclonal antibody to *Mycobacterium leprae* lipoarabinomannan (LAM) 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 mL of NR-52146 provided as cell culture supernatant.

Packaging/Storage:

NR-52146 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: Monoclonal Anti-*Mycobacterium leprae* LAM, Clone 906.41 (produced *in vitro*), NR-52146."

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. "Massive Gene Decay in the Leprosy Bacillus." Nature 409 (2001): 1007-1011. PubMed: 11234002.
2. 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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