

Polyclonal Anti-*Mycobacterium leprae* ESAT-6 (antiserum, Rabbit)

Catalog No. NR-19360

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Contributor and Manufacturer:

NIH – Leprosy Research Support Contract

Product Description:

Polyclonal antiserum to ESAT-6 (ML0049) 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 lyophilized NR-19360. Note: ESAT-6 can be reconstituted in sterile distilled water.

Packaging/Storage:

NR-19360 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 the BEI Resources, NIAID, NIH: Polyclonal Anti-*Mycobacterium leprae* ESAT-6 (antiserum, Rabbit), NR-19360.”

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, 2007; see www.cdc.gov/od/ohs/biosfty/bmb15/bmb15toc.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. Geluk, A., et al. “Identification and Characterization of the EAST-6 Homologue of *Mycobacterium leprae* and T-Cell Cross-Reactivity with *Mycobacterium tuberculosis*.” Infect. Immun. 70 (2002): 2544-2548. PubMed: 11953394.
3. Parkash, O., et al. “Performance of Recombinant ESAT-6 Antigen (ML0049) for Detection of Leprosy Patients.” Lett. Appl. Microbiol. 44 (2007): 524-530. PubMed: 17451520.

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