

Monoclonal Anti-*Mycobacterium leprae* ML0317/GroEL2, Clone ML-30 (produced *in vitro*)**Catalog No. NR-19377**

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

Product Description:

Antibody Class: IgG₁

Antibody Designation: ML-30

Monoclonal antibody to *Mycobacterium leprae* chaperonin family protein (ML0317/GroEL2; also known as 65 kDa heat shock protein) was produced in cell culture using a B cell hybridoma generated by the fusion of myeloma cells with immunized mouse splenocytes.

Lot: 61697584**Manufacturing Date: 23JUN2010**

QC testing was performed by Colorado State University under the Leprosy Research Support Contract (NIH). The Colorado State University documentation for bulk lot mm.ML-30.07.23.2010JS is attached. Each vial contains approximately 500 µL of NR-19377 provided as cell culture supernatant.

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TB Contract Antibody QC Sheet

General Information: Mouse monoclonal antibody ML-30 (anti-ML0317 65 kDa heat shock protein)

Product: mouse monoclonal ML-30 (mc2009) 7d culture supernatant, 10 ml bulk supernatant, frozen

Lot Number: mm.ML-30.07.23.2010JS

BEI Catalogue number: NR-19377

Species: *Mycobacterium leprae*

Strain: N/A Type: mouse mAb IgG1 subclass

Production Information:

Cell Line: N/A Notebook/pp: John Spencer, Notebook #4, pp 66-67

Amount of supernatant harvested: 40 ml Clarity: clear

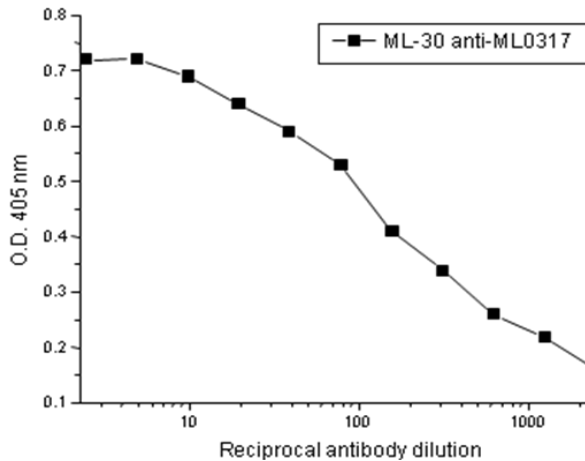
QC Information: ELISA assay towards recombinant Rv0440 (ML0317 homolog), 0.25 µg coated per well.

Notebook/pp: same as above

Titer: >1:20 (50% titer at approximately 1:250) Western blot: non-reactive by blot

Special Instructions: Store frozen at -70°C

QC ELISA: Serial two-fold dilutions of ML-30 supernatant from undiluted to 1:2048 dilution



Aliquot Information: 4 x 10 ml (original) culture supernatant

Produced 7/23/10

Lab Supervisor / Date 7/23/10