

Monoclonal Anti-*Mycobacterium smegmatis* LAM (produced *in vitro*)

Catalog No. NR-13798

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

Product Description:

Antibody Class: IgG₃

Antibody Designation: 906.4321

Monoclonal antibody to *Mycobacterium smegmatis* arabinofuranosyl-terminated lipoarabinomannan (ara LAM) was produced in cell culture using a B cell hybridoma generated by the fusion of myeloma cells with immunized mouse splenocytes.

Lot: 59123254

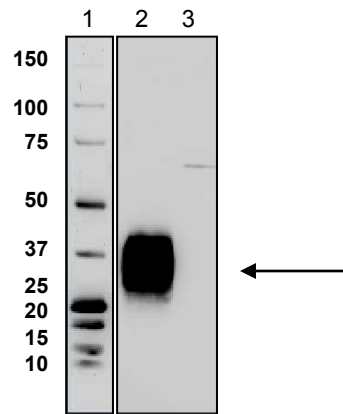
Manufacturing Date: 14APR2010

| TEST | SPECIFICATIONS | RESULTS |
|---|---------------------------|---------------------------|
| Antibody Class | Report results | IgG ₃ K |
| Functional Activity Western Blot using NR-13798 (see Figure 1) ¹ LAM (NR-14849) Cell wall fraction (NR-14828) | Reactive Not reactive | Reactive Not reactive |
| Sterility | 0.22 µm filter sterilized | 0.22 µm filter sterilized |

¹NR-13798 can be used neat or at dilutions up to 1:10

Figure 1: Functional Activity of NR-13798 by Western Blot Analysis

- Lane 1: Precision Plus Protein Western C Standards (Bio-Rad 161-0376)
- Lane 2: 5 µg LAM (NR-14849) probed with NR-13798
- Lane 3: 5 µg Cell wall fraction (NR-14828) probed with NR-13798



Date: 15 JUN 2011

Signature:

Title:

Technical Manager, BEI Authentication or designee

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