Certificate of Analysis for NR-13607

Monoclonal Anti-*Mycobacterium tuberculosis* HspX (Gene Rv2031c), Clone IT-20 (TB68) (produced *in vitro*)

Catalog No. NR-13607
This reagent is the tangible property of the U.S. Government.

Product Description:
Antibody Class: IgG_1
Antibody Designation (Original Designation): IT-20 (TB68)
Monoclonal antibody to *Mycobacterium tuberculosis*, strain H37Rv heat shock protein, HspX (α-crystallin) was produced in cell culture using a B cell hybridoma generated by the fusion of myeloma cells with immunized mouse splenocytes.

Lot: 08.IT.20.12.4.16kDa.mm **Manufacturing Date: 04DEC2008**

QC testing was performed by Colorado State University under the TB Vaccine Testing and Research Materials Contract (NIH). The Colorado State University documentation is attached.

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TB Contract Antibody QC Sheet

General Information:

Product: Monoclonal antibody against 16kDa protein (Rv2031c)
Lot Number: 08.IT.20.12.4.16kDa.mm
Species: *Mycobacterium tuberculosis*
Strain: H37Rv
Type: culture supernatant

Production Information:

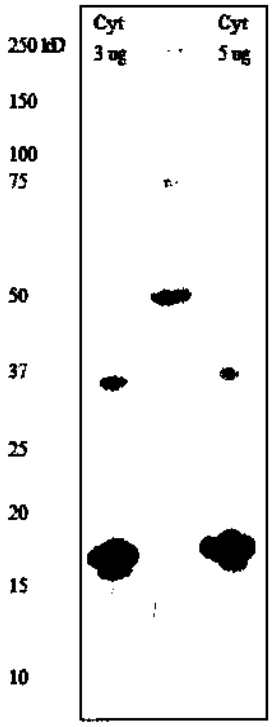
Cell Line: _____ SOP#: _____ Notebook/pp: _____,_____
Amount of CS Harvested: _____ Clarity: _____
IgG Purification: N/A SOP#: N/A Notebook/pp: N/A

QC Information:

Tested Against: Cytosol (3 and 5 µg)
SOP#: 102 Notebook/pp: KEE TB #3, pp. 115-116
Titer: 1:100 Western Blot: X ELISA:

Special Instructions:

QC Western Blot:



Aliquot Information: 23 x 0.5mL

12.5.08
Research Associate/ Date

Lab Supervisor/ Date