

Monoclonal Anti-*Mycobacterium tuberculosis* HspX (Gene Rv2031c), Clone CS-49 (produced *in vitro*)**Catalog No. NR-13814**

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

Product Description:

Antibody Class: IgG₁

Antibody Designation: CS-49

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: 09.CS.49.05.19.16.mm**Manufacturing Date: 19MAY2009**

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 (α -crystallin-Rv2031c)

Lot Number: 09.CS.49.05.19.16.mm

Species: *Mycobacterium tuberculosis*

Strain: H37Rv

Type: Culture Supernatant

Production Information:

Cell Line: _____ SOP#: _____ Notebook/pp: _____, _____

Amount of CS Harvested: _____ Clarity: _____

IgG Purification: _____ SOP#: _____ Notebook/pp: _____, _____

QC Information:

Tested Against: Subcellular Fractions SOP#: 102 Notebook/pp: BDT1, pp 39-41

Titer: 1:200

Western Blot: X

ELISA:

Special Instructions:

QC Western Blot:



- 1.) Pre-Stain Marker
- 2.) Cytosol
- 3.) CM
- 4.) CW

Aliquot Information: 23 vials @ 0.5ml

Brielle Ann Thompson 05/19/09
Research Associate/ Date

[Signature] 5/20/2003
Lab/Supervisor/ Date