SUPPORTING INFECTIOUS DISEASE RESEARCH

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:

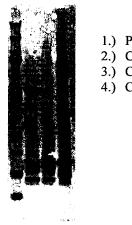
Cell Line:	SOP#:	Notebook/pp:,
Amount of CS Harvested:		Clarity:
IgG Purification:	SOP#:	Notebook/pp:,

QC Information:

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

05/19/09 Research Associate/

5/20/2033

Lab/Supervisor/ Date