

Monoclonal Anti-*Mycobacterium tuberculosis* Mpt64 (Gene Rv1980c), Clone A (produced *in vitro*)**Catalog No. NR-50703**

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

Product Description:

Antibody Class: IgG₁

Antibody Designation: α -Rv1980c

Monoclonal antibody to *Mycobacterium tuberculosis*, strain H37Rv immunogenic protein (Mpt64) was produced in cell culture using a B cell hybridoma generated by the fusion of myeloma cells with immunized mouse splenocytes.

Lot: 70003387**Manufacturing Date: 15MAR2017**

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 16.anti-MPT64.A.9.29.25.mm is attached.

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Work Sheet for Antibodies

General Information:

BEI Catalog Number: NR-50703
Product Description: Monoclonal Anti-MPT64 (Rv1980c), Clone A
CSU Lot Number: 16.anti-MPT64.A.9.29.25.mm
Species: *Mycobacterium tuberculosis*
Strain: H37Rv
Type (select one): Mouse Monoclonal
 Rabbit Polyclonal
 Guinea Pig Polyclonal

Production Information:

Cell Line: 16.anti-MPT64.A.9.15.25.Hyb SOP#: AB103.2 Notebook/pp: SP custom, pg. 55
Amount of CS Harvested: 64 mL Clarity: clear
IgG Purification: N/A SOP#: N/A Notebook/pp: N/A
Ig isotype: IgG1 SOP#: AB106.1 Notebook/pp: SSP mAb #2 pg. 62

QC Information:

Tested Against: recMPT64, 1 ug SOP#: 102 Notebook/pp: SP custom, pg. 56
Tested by: Western blot: Titer: 1:5,000
ELISA: Titer: 1:500
Special Instructions: N/A
QC Western blot:

1:1000	1:5000
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25
kD →



Aliquot Information: 64 x 1 mL aliquots

Myr Lu
(Research Associate)

6-13-18
(date)

C. Melchapp
(Laboratory Supervisor)

6/13/18
(date)

Data generated by Stephanie Propp