

Monoclonal Anti-*Mycobacterium tuberculosis* GlcB (Gene Rv1837c), Clone α -GlcB (produced *in vitro*)**Catalog No. NR-13799**

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

Product Description:

Antibody Designation: α -GlcB

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

Lot: 70018035**Manufacturing Date: 26FEB2019**

Production and QC testing were performed by Colorado State University (CSU). The CSU production documentation for lot 19.Anti-GlcB.1.25.80.mm is attached.

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Work Sheet for Antibodies

General Information:

BEI Catalog Number: NR-13799

Product Description: Anti-GlcB (Clone α -GlcB, Rv1837c)

CSU Lot Number: 19.Anti-GlcB.1.25.80.mm

Species: *Mycobacterium tuberculosis*

Strain: H37Rv

Type (select one): Mouse Monoclonal
 Rabbit Polyclonal
 Guinea Pig Polyclonal

Production Information:

Source Vial Information: GlcB, Subclone 2F5, in 1XHT, JHM, 5.5×10^6 cells/mL, 09/19/06

Cell Line: 19.Anti-GlcB.1.25.80.Hyb SOP#: AB103.5, AB104.4

Notebook/pp: Monoclonal Antibody #4 BEI, pgs. 62

Amount of CS Harvested: ~60mL Clarity: clear (after centrifugation and filtration)

Additional Notes: Cell debris was removed by centrifugation and filtration.

IgG Purification: N/A SOP#: N/A Notebook/pp: N/A

Ig isotype: IgG₁, Kappa light chain SOP#: AB106

Notebook/pp: Monoclonal Antibodies #4 BEI, pg. 68

QC Information:

Tested Against: 5 μ g CFP (11.Rv.2.2.21.5.CFP, NR-14825), 5 μ g Cytosol (08.Rv.2.5.21.7.CYT)

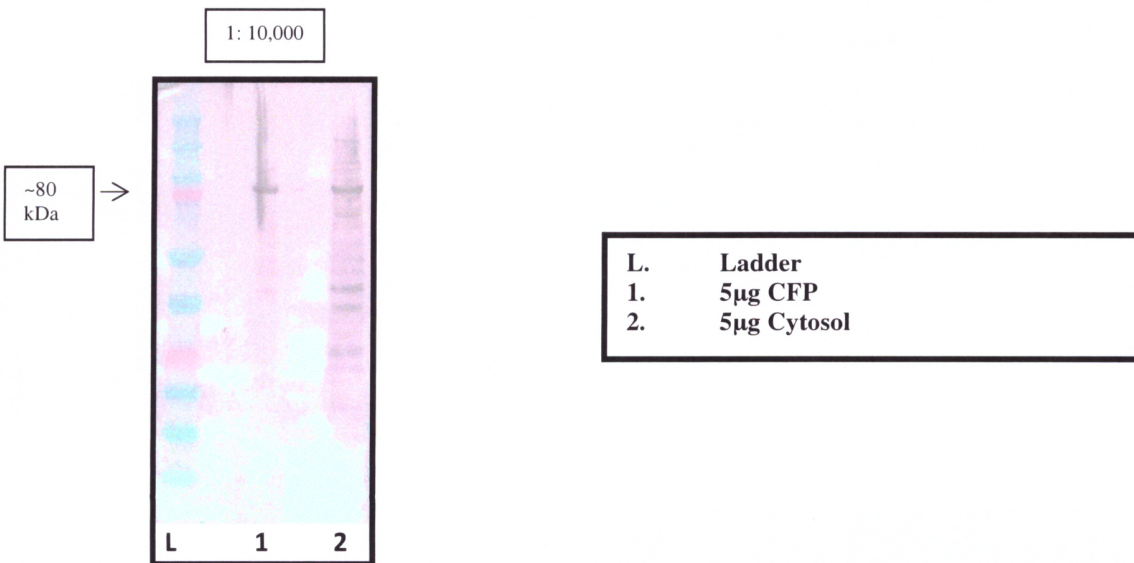
SOP#: AB102.1, SP039.1 Notebook/pp: Monoclonal Antibodies #4 BEI, pgs. 64, 66, 68

Tested by: Western blot: X Titer: 1: 10,000

Special Instructions: 3% BSA recommended for blocking. Western blots developed for 2 minutes.

QC Western blot:

Date performed: 02/5/19



Aliquot Information: 40 vials x 1mL (BEI), 20 vials x 1mL (In-house), 1 vial x <1mL (In-house, for QC)

Kalashy 2/26/19
(Research Associate) (date)

C. McHaffey 2-25-19
(Laboratory Supervisor) (date)