

Monoclonal Anti-*Mycobacterium tuberculosis* Antigen 85 Complex (FbpA/FbpB/FbpC; Genes Rv3804c, Rv1886c, Rv0129c), Clone IT-55 (HRT2) (produced *in vitro*)**Catalog No. NR-13654**

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

Product Description:

Antibody Designation (Original Designation): IT-55 (HRT2)*

Monoclonal antibody to *Mycobacterium tuberculosis*, strain H37Rv Antigen 85 complex (Fibronectin-binding proteins FbpA/FbpB/FbpC) was produced in cell culture using a B cell hybridoma generated by the fusion of myeloma cells with immunized mouse splenocytes.

*Has shown poor reactivity to Rv3804c

Lot: 59201181**Manufacturing Date: 23FEB2010**

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: Mouse monoclonal antibody against Rv1886c, Rv0129c, Rv3804c*
Lot Number: 10.IT.55.02.22.Ag85.mm
Species: *Mycobacterium tuberculosis*
Strain: H37Rv
Type: culture supernatant

Production Information:

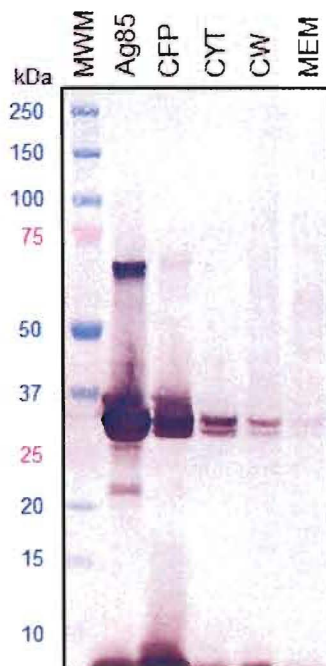
Cell Line: _____ SOP#: _____ Notebook/pp: _____, _____
Amount of CS Harvested: _____ Clarity: _____
IgG Purification: _____ SOP#: _____ Notebook/pp: _____, _____

QC Information:

Tested Against: Ag85/ SCF SOP#: 102 Notebook/pp: KES TB #5 Notebook, p. 92
Titer: 1:20 Western Blot: X ELISA:

Special Instructions: * This antibody seems to show preferential binding to Rv1886c and Rv0129c. The specific epitope IT-55 recognizes has not been identified thus far.

QC Western Blot:



Aliquot Information: 15 x 1 ml, 1 x 41 ml

Kate Strain 2/23/2010
Research Associate/ Date

Kaufman 2/24/2010
Lab Supervisor/ Date