

**Monoclonal Anti-*Mycobacterium tuberculosis* KatG (Gene Rv1908c), Clone IT-42 (HBT1)  
(produced *in vitro*)****Catalog No. NR-13791**

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

**Product Description:**

Antibody Designation (Original Designation): IT-42 (HBT1)

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

**Lot: 61926217****Manufacturing Date: 30SEP2011**

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Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for bulk lot 11.IT.42.9.26.82.mm is attached. This lot was aliquoted at ATCC®.

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected by the contractor to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

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## TB Contract Antibody QC Sheet

### General Information:

BEI Item Number: NR-13791

Product: IT-42 Mouse Monoclonal Antibody against 82 kDa protein (Rv1908c)

Lot Number: 11.IT.42.9.26.82.mm

Species: *Mycobacterium tuberculosis*

Strain: H37Rv

Type: Culture Supernatant

### Production Information:

Cell Line: \_\_\_\_\_ SOP#: \_\_\_\_\_

Notebook/pp: \_\_\_\_\_

Amount of CS Harvested: \_\_\_\_\_

Clarity: clear

IgG Purification: \_\_\_\_\_ SOP#: \_\_\_\_\_ Notebook/pp: \_\_\_\_\_, \_\_\_\_\_

### QC Information:

Tested Against: Subcellular Fractions SOP#: AB102

Notebook/pp: Keri Wright, Antibody Notebook, pg1-13

Titer: 1:10 Western blot: X ELISA: \_\_\_\_\_

### Special Instructions:

QC Western blot:

1. Protein Standard
2. CYT
3. CFP
4. MEM
5. CW



Aliquot Information: 1 x 17 ml

Keri Wright 9/30/11  
Research Associate / Date

[Signature] 9/30/11  
Lab Supervisor / Date