

Monoclonal Anti-*Mycobacterium tuberculosis* PhoS1/PstS1 (Rv0934), Clone IT-23 (TB71) (produced *in vitro*)

Catalog No. NR-51409

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

Product Description:

Antibody Class: IgG2bk

Antibody Designation (Original Designation): IT-23 (TB71)

Monoclonal antibody to *Mycobacterium tuberculosis*, strain H37Rv periplasmic phosphate-binding lipoprotein (PhoS1/PstS1) was produced in cell culture using a B cell hybridoma generated by the fusion of myeloma cells with immunized mouse splenocytes.

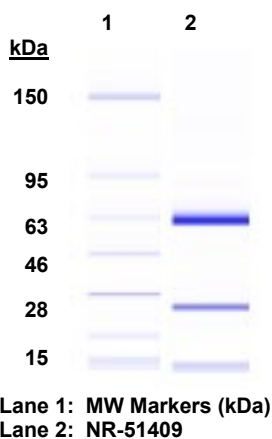
Lot: 70019205¹

Manufacturing Date: 08NOV2018

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	Report results	IgG2bk
Agilent® Protein 230 Analysis	Correct molecular weight (MW) for heavy and light chains; Report purity	Correct molecular weight (MW) for heavy and light chains (Figure 1); 99.3% pure
Concentration by Spectrophotometer at OD ₂₈₀	≥ 1.0 mg per mL	1.24 mg per mL
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

¹Mouse monoclonal antibody was purified using protein G affinity chromatography from supernatants obtained from mouse hybridoma clone IT-23 (TB71) adapted to serum-free media.

Figure 1: Agilent® Protein 230 Analysis



/Heather Couch/

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Program Manager or designee, ATCC Federal Solutions

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