

Monoclonal Anti-*Mycobacterium tuberculosis* GroEL2 (Gene Rv0440), Clone IT-70 (DCA4) (produced *in vitro*)

Catalog No. NR-13657

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

Product Description:

Antibody Designation (Original Designation): IT-70 (DCA4)

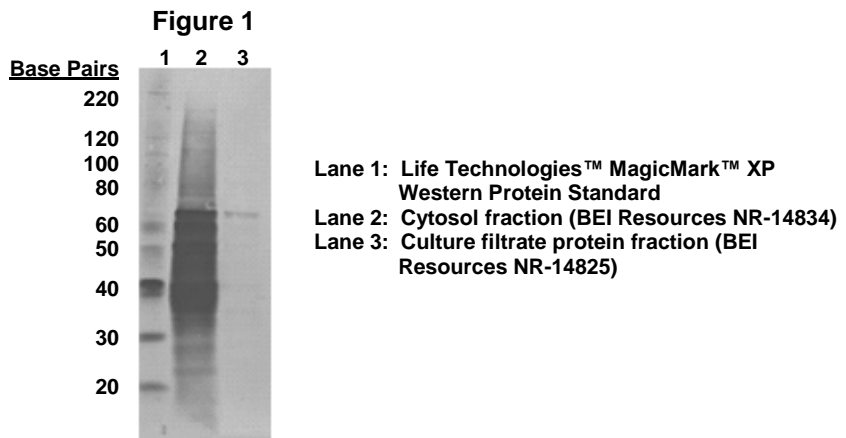
Monoclonal antibody to *Mycobacterium tuberculosis*, strain H37Rv GroEL2 protein was produced in cell culture using a B cell hybridoma generated by the fusion of myeloma cells with immunized mouse splenocytes.

Lot¹: 61954719

Manufacturing Date: 27SEP2013

TEST	SPECIFICATIONS	RESULTS
Antibody Class	Report results	IgG _{2ak}
Functional Activity by Western Blot Cytosol fraction (BEI Resources NR-14834) Culture filtrate protein fraction (BEI Resources NR-14825)	Report results Report results	Reactive (Figure 1) Reactive (Figure 1)
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

¹Clone IT-70 was deposited to Colorado State University (CSU) as isotype IgG₁. Although BEI Resources was unable to confirm the reported isotype, Western Blot assays completed at ATCC® have shown that the antibody's functional activity is consistent with the results previously provided by CSU.



Date: 07 MAR 2014

Signature:

Title: Technical Manager, BEI Authentication or designee

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