

## 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.

### For research use only. Not for human use.

#### Contributor and Manufacturer:

BEI Resources or NIH - TB Vaccine Testing and Research Materials Contract

#### 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.

#### Material Provided:

Each vial contains approximately 1 mL of NR-13657 provided as cell culture supernatant.

#### Packaging/Storage:

NR-13657 was packaged aseptically in screw-cap cryovials. The product is provided frozen on dry ice and should be stored at -80°C or colder immediately upon arrival. Freeze-thaw cycles should be avoided.

#### Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Monoclonal Anti-*Mycobacterium tuberculosis* GroEL2 (Gene Rv0440), Clone IT-70 (DCA4) (produced *in vitro*), NR-13657."

#### Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see [www.cdc.gov/biosafety/publications/bmbl5/index.htm](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

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#### References:

1. Cole, S. T., et al. "Deciphering the Biology of *Mycobacterium tuberculosis* from the Complete Genome Sequence." Nature 393 (1998): 537-544. PubMed: 9634230. Erratum in: Nature 396 (1998): 190-198.
2. TubercuList: [Rv0440](http://www.tubercuList.org)

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