

Anti-Mycobacterial 65-kDa hsp [Rb2]

Catalogue number: 154070

Sub-type:

Images:

Contributor

Inventor: Pranab K Das

Institute:

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Mycobacterial 65-kDa hsp [Rb2]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: Mycobacterial 65-kDa hsp and the actively secreted antigen 85 complex of 30 -kDa region proteins are considered to be major immune targets in mycobacterial diseases. This antibody recognises hsp65 and antigens 85A (MPT44), 85B (MPT59) and 85C (MPT45). This antibody stains clear rod-shaped *M.leprae* bacilli within macrophages.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Mycobacterium bovis ; Mycobacterium avium

Selectivity:

Host: Mouse

Immunogen: 65-kDa antigen isolated from M.tuberculosis (RIVM-strain 7114)

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls: *M.tuberculosis*

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Mycobacterial 65-kDa hsp

Target alternate names:

Target background: Mycobacterial 65-kDa hsp and the actively secreted antigen 85 complex of 30 - kDa region proteins are considered to be major immune targets in mycobacterial diseases. This antibody recognises hsp65 and antigens 85A (MPT44), 85B (MPT59) and 85C (MPT45). This antibody stains clear rod-shaped M.leprae bacilli within macrophages.

Molecular weight:

Ic50:

Applications

Application: ELISA ; IHC ; WB

Application notes:

Handling

Format: Liquid

Concentration: 0.9-1.1mg/ml

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer: RPMI 1640

Storage conditions: -15° C to -25° C

Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Rambukkana et al. 1992. Immunology. 77(2):267-76. PMID: 1385316. ; Rambukkana et al. 1991. FEMS Microbiol Immunol. 3(1):39-45. PMID: 1711877.

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