

Anti-Mycobacterial 30-kDa [A2h11]

Catalogue number: 154072

Sub-type:

Images:

Contributor

Inventor: Pranab K Das

Institute:

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Mycobacterial 30-kDa [A2h11]

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) and 85B (MPT59). 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: 30-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 30-kDa

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) and 85B (MPT59). 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. 1993. Infect Immun. 61(5):1835-45. PMID: 7682995. ; Rambukkana et al. 1992. Infect Immun. 60(11):4517-27. PMID: 1383151.

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