Anti-Mycobacterial 30-kDa [A4g4]

Catalogue number: 154074
Sub-type:
Images:

Contributor

Inventor: Pranab K Das
Institute:
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Mycobacterial 30-kDa [A4g4]

Alternate name:

Class: Monoclonal
Conjugate: Unconjugated
Description: Proteins of the antigen 85 complex in the 30-kDa region secreted by live mycobacteria are important in the immune response against mycobacterial infections and play an important biological role in the host-parasite interaction. This antibody recognises antigen 85B (MPT59) only. This antibody also specifically stained *M.leprae* bacilli within macrophages in highly bacilliferous lepromatous leprosy lesions.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG1
Reactivity: Mycobacterium bovis
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: Proteins of the antigen 85 complex in the 30-kDa region secreted by live mycobacteria are important in the immune response against mycobacterial infections and play an important biological role in the host-parasite interaction. This antibody recognises antigen 85B (MPT59) only. This antibody also specifically stained M.leprae bacilli within macrophages in highly bacilliferous lepromatous leprosy lesions.

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(12):5172-81. PMID: 1280626.