

# Anti-Mycobacterial 30-kDa [A3c12]

**Catalogue number:** 154073

**Sub-type:**

**Images:**

## Contributor

**Inventor:** Pranab K Das

**Institute:**

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-Mycobacterial 30-kDa [A3c12]

**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 antigens 85A (MPT44) and 85B (MPT59). This antibody stains the paucibacillary borderline and tuberculoid leprosy lesions.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgG2a

**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 antigens 85A (MPT44) and 85B (MPT59). This antibody stains the paucibacillary borderline and tuberculoid 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. ; Rambukkana et al. 1992. Infect Immun. 60(11):4517-27. PMID: 1383151.

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