

# Anti-MPT64

**Catalogue number:** 157698

**Sub-type:**

**Images:**

## Contributor

**Inventor:**

**Institute:** Vestlandets Innovasjonsselskap AS

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-MPT64

**Alternate name:**

**Class:** Polyclonal

**Conjugate:** Unconjugated

**Description:** Detection of extrapulmonary Tuberculosis, in both high and low-resource settings remains to be a problem. A number of detection kits are available, though with limited efficacy. This antibody provides a unique cocktail of polyclonal ab capable of detecting mycobacterium tuberculosis even from fixed tissue by targeting the MPT64 antigen.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:**

**Reactivity:** Rabbit

**Selectivity:**

**Host:** Rabbit

**Immunogen:** MP64\_MYCTU

**Immunogen UNIPROT ID:** MP64\_MYCTU

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** MPT64

**Target alternate names:**

**Target background:** Detection of extrapulmonary Tuberculosis, in both high and low-resource settings remains to be a problem. A number of detection kits are available, though with limited efficacy. This antibody provides a unique cocktail of polyclonal ab capable of detecting mycobacterium tuberculosis even from fixed tissue by targeting the MPT64 antigen.

**Molecular weight:**

**Ic50:**

## Applications

**Application:** ELISA ; IHC

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:** 0.9-1.1mg/ml

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:** Unpurified anti-serum from rabbit preserved in 0.02% Thiomersal

**Storage conditions:** -20° C

**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:**

## References

**References:** Pattathil et al. 2012. Methods Mol Biol. 908:61-72. PMID: 22843389. ; Pattathil et al. 2012. Methods Mol Biol. 908:61-72. PMID: 22843389. ; Pattathil et al. 2010. Plant Physiol. 153(2):514-25. PMID: 20363856. ; Young et al. 2008. Plant Cell. 20(6):1623-38. PMID: 18523060. ; Freshour et al. 2003. Plant Physiol. 131(4):1602-12. PMID: 12692319. ; Puhlmann et al. 1994. Plant Physiol. 104(2):699-710. PMID: 7512736.

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