

# Anti-Mycobacterium avium subsp. paratuberculosis [15D10]

**Catalogue number:** 153319

**Sub-type:**

**Images:**

## Contributor

**Inventor:** Irene Grant ; Linda Stewart

**Institute:** Queen's University Belfast

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-Mycobacterium avium subsp. paratuberculosis [15D10]

**Alternate name:**

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** Mycobacterium avium subsp. paratuberculosis (MAP) is the causative agent for Johne's disease, a highly-infectious wasting disease that affects a range of domestic ruminants including cattle, sheep, goats and deer. Anti-Mycobacterium avium subsp. paratuberculosis [15D10] has a high degree of specificity and has been demonstrated to work by ELISA and for immunocapture.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgM kappa

**Reactivity:** Mycobacterium avium

**Selectivity:**

**Host:** Mouse

**Immunogen:** Ethanol-extracted surface antigens of gamma-irradiated MAP strain B4 cells

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:** *Mycobacterium avium* subsp. *paratuberculosis* whole cells

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** *Mycobacterium avium* subsp. *paratuberculosis*

**Target alternate names:**

**Target background:** *Mycobacterium avium* subsp. *paratuberculosis* (MAP) is the causative agent for Johne's disease, a highly-infectious wasting disease that affects a range of domestic ruminants including cattle, sheep, goats and deer. Anti-*Mycobacterium avium* subsp. *paratuberculosis* [15D10] has a high degree of specificity and has been demonstrated to work by ELISA and for immunocapture.

**Molecular weight:**

**Ic50:**

## Applications

**Application:** ELISA ; IP

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:** 1mg/ml

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:** PBS with 0.02% azide

**Storage conditions:** -15° C to -25° C

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

## Related tools

**Related tools:** Anti-*Mycobacterium avium* subsp. *paratuberculosis* [6G11]

## References

**References:** O'Brien et al. 2016. PLoS One. 11(1):e0147870. PMID: 26815790.

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