bs-4622R

## [ Primary Antibody ]

## Mycobacterium bovis Rabbit pAb



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- DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

**Target:** Mycobacterium bovis **Purification:** affinity purified by Protein A

Concentration: 1mg/ml

**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50%

Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated

freeze/thaw cycles.

**Background:** Antigen 85B is the most abundant protein expressed by

Mycobacterium tuberculosis (about one quarter). It is a myocolyc transferase in the myc pathway and catalyses - like Ag85A and Ag85C - the transfer of the fatty acid mycolate from one trehalose monomycolate to another, resulting in trehalose dimycolate and

free trehalose and helping build the cell wall.

**Applications: ELISA** (1:5000-10000)

**Reactivity:** (predicted: Mycobacteriumis)

Subcellular Location: Secreted

## — SELECTED CITATIONS —

- [IF=5.6] Lucia F. Saad. et al. A disposable, portable electrochemical immunosensor for rapid in situ detection of bovine tuberculosis. TALANTA. 2025 Jan;281:126878 ;Bovine. 39276570
- [IF=1.85] Seo, Min-Goo, et al. "Mycobacterium tuberculosis Infection in a Domesticated Korean Wild Boar (Sus scrofa coreanus)." Journal of Food Protection 80.6 (2017): 1009-1014. Other; . 28485632
- [IF=0.994] Shin-ichi Nakamura. et al. Eosinophilic Leukaemia and Systemic Mycobacterium marinum Infection in an African Pygmy Hedgehog (Atelerix albiventris). J Comp Pathol. 2020 Nov;181:33 IHC; Hedgehog. 33288148
- [IF=0] Di Blasio A et al. Animal tuberculosis in a free-ranging fallow deer in northwest Italy: a case of "lucky strain survival" or multi-host epidemiological system complexity? European Journal of Wildlife Research, 2019 65(5). IHC ;Deer. doi:10.1007/s10344-019-1316-0