

Mycobacterium bovis Rabbit pAb

Catalog Number: bs-4622R

Target Protein: Mycobacterium bovis

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: ELISA (1:5000-10000)

Reactivity: (predicted:Cow, Mycobacteriumis)

Subcellular Secreted

Locations:

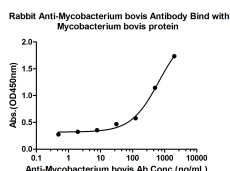
Purification: affinity purified by Protein A

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 mycolyl 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.

VALIDATION IMAGES



Measured by its binding ability in an indirect ELISA. Immobilized Mycobacterium bovis protein (Cat. bs-4622P) at 2 µg/mL (100 µL/well) can bind Rabbit Anti-Mycobacterium bovis Antibody, the EC50 is 664.8 ng/mL.

PRODUCT SPECIFIC PUBLICATIONS

[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