

bs-4622R**[Primary Antibody]****Mycobacterium bovis Rabbit pAb****BioSS**
ANTIBODIES

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: ELISA (1:5000-10000)
Clonality: Polyclonal		Reactivity: Mycobacteriumis
Target: Mycobacterium bovis		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Subcellular Location: Secreted
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.		

— 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