

bs-13107R

[Primary Antibody]

esxA Rabbit pAb



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— DATASHEET —

Host: Rabbit Clonality: Polyclonal Target: esxA Immunogen: KLH conjugated synthetic peptide derived from Mycobacterium tuberculosis ESAT6: 21-95/95. 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 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.	Isotype: IgG Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Mycobacterium tuberculosis, Mycobacterium szulgai, Mycobacte) Predicted MW.: 10 kDa Subcellular Location: Secreted
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— SELECTED CITATIONS —

- **[IF=4.421]** Tomoko Ito. et al. Microbial Antigen-Presenting Extracellular Vesicles Derived from Genetically Modified Tumor Cells Promote Antitumor Activity of Dendritic Cells. *Pharmaceutics*. 2021 Jan;13(1):57 FCM ;Mouse. 33406722
- **[IF=4]** Xueqian Chen. et al. Diagnostic value of tuberculosis-specific antigens ESAT-6 and CFP10 in lymph node tuberculosis. *HELIYON*. 2024 Apr;10: IHC ;Human. 38638946
- **[IF=1.64]** Koyama, Yoshiyuki, et al. "Exosomes derived from tumor cells genetically modified to express Mycobacterium tuberculosis antigen: a novel vaccine for cancer therapy." *Biotechnology Letters* (2016): 1-10. ICC ;="Mouse". 27484689