

**bs-9268R****[ Primary Antibody ]****M.tuberculosis | Ag85B Rabbit pAb****Bioss**  
**ANTIBODIES**

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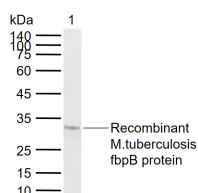
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**— DATASHEET —**

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| <b>Host:</b> Rabbit<br><b>Clonality:</b> Polyclonal<br><b>Target:</b> M.tuberculosis   Ag85B<br><b>Immunogen:</b> KLH conjugated synthetic peptide derived from Mycobacterium tuberculosis Ag85B: 231-325/325. < Extracellular ><br><b>Purification:</b> affinity purified by Protein A<br><b>Concentration:</b> 1mg/ml<br><b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.<br>Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.<br><b>Background:</b> 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. | <b>Isotype:</b> IgG<br><b>Applications:</b> <b>WB</b> (1:500-2000)<br><b>ELISA</b> (1:5000-10000)<br><b>Reactivity:</b> Mycobacterium tuberculosis<br><b>Predicted MW.:</b> 31 kDa<br><b>Observed MW.:</b> 31 kDa<br><b>Subcellular Location:</b> Secreted |
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**— VALIDATION IMAGES —**

Sample: Lane 1: Recombinant M.tuberculosis fbpB protein Primary: Anti-fbpB (bs-9268R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 31 kDa Observed band size: 31 kDa

**— SELECTED CITATIONS —**

- **[IF=2.738]** Liang Wang et al. Clinical Significance of M1/M2 Macrophages and Related Cytokines in Patients with Spinal Tuberculosis. Dis Markers. 2020 May 20;2020:2509454. IHC ;Human. 32566036
- **[IF=1.785]** Xiaoqian Shang. et al. Diagnostic value of CXCR3 and its ligands in spinal tuberculosis. Exp Ther Med. 2021 Jan;21(1):1-1 IHC ;Human. 33365073