

fbpB Rabbit pAb

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Catalog # AP59206

Product Information

Application	WB
Reactivity	Mycobacterium tuberculosis
Host	Rabbit
Clonality	Polyclonal
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from Mycobacterium tuberculosis Ag85B
Epitope Specificity	231-325/325
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SUBCELLULAR LOCATION	Secreted.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

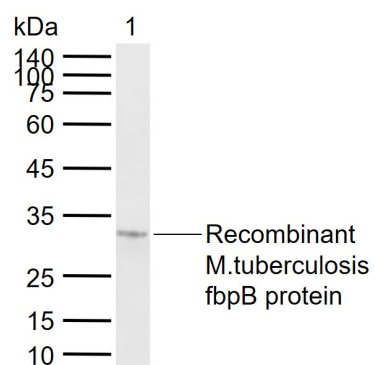
Additional Information

Other Names	Diacylglycerol acyltransferase/mycolyltransferase Ag85B, DGAT, 2.3.1.122, 2.3.1.20, 30 kDa extracellular protein, Acyl-CoA:diacylglycerol acyltransferase, Antigen 85 complex B, 85B, Ag85B, Extracellular alpha-antigen, Fibronectin-binding protein B, Fbps B, fbpB
Dilution	WB=1:500-2000,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.

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Images



Sample:

Lane 1: Recombinant M.tuberculosis fbpB protein

Primary: Anti-fbpB (AP59206) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

Predicted band size: 31 kDa

Observed band size: 31 kDa

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.