

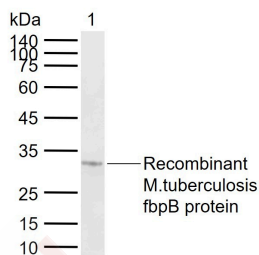
Anti-FbpB Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	Mycobacterium tuberculosis
Molecular Weight:	Theoretical: 31 kDa. Actual: 31 kDa.
Purification:	Protein A purified

Applications

Verified Activity:	Sample:
	Lane 1: Recombinant M.tuberculosis fbpB protein
	Primary: Anti-fbpB (TMAB-00660) at 1/1000 dilution
	Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
	Predicted band size: 31 kDa
	Observed band size: 31 kDa



Application:	ELISA, WB
Recommended	ELISA=1:5000-10000; WB=1:500-2000

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: Mycobacterium tuberculosis Ag85B Extracellular alpha-antigen; Antigen 85 complex B (85B; Ag85B); 30 kDa extracellular protein;
Synonyms:	Acyl-CoA: diacylglycerol acyltransferase; DGAT; Diacylglycerol acyltransferase/mycolyltransferase Ag85B; fbpB; Fibronectin-binding protein B (Fbps B)

Research 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.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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