

30-1102: Anti-Mycobacterium tuberculosis antigen GlcB Polyclonal Antibody

Clonality :	Polyclonal
Application :	WB, ELISA
Reactivity :	Mycobacterium tuberculosis
Format :	Purified
Isotype :	Rabbit IgG
Immunogen Information :	Recombinant Mycobacterium tuberculosis GlcB produced in E. coli

Description

The Mycobacterium tuberculosis antigen GlcB (malate synthase) catalyzes synthesis of malate from glyoxylate and acetyl-CoA. This reaction is part of the glyoxylate cycle, which allows the bacterium to derive its carbon requirements from two-carbon compounds by bypassing the two carbocylation steps of the cytric acid cycle. This enzyme is up-regulated in response to phagocytosis and it is a virulence or persistence factor.

Product Info

Amount :	0.1 mg
Purification :	Purified from rabbit serum by affinity chromatography
Storage condition :	Store at 2-8°C. Do not freeze.

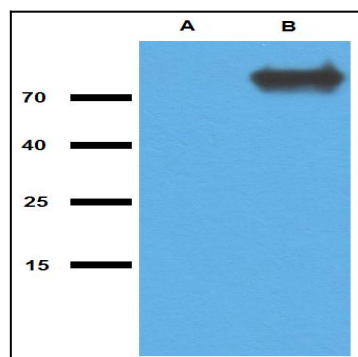


Figure 1: Western blotting analysis of polyclonal anti-Mycobacterium tuberculosis antigen GlcB. A) cell lysate of non-transfected E. coli B) cell lysate of GlcB-transfected E. coli