

Anti-EsxA Polyclonal Antibody

Product Details

Ig Type:	IgG
Reactivity:	(predicted:Mycobacterium tuberculosis,Mycobacterium szulgai,Mycobacte)
Molecular Weight:	Theoretical: 10 kDa.
Purification:	Protein A purified

Applications

Application:	ELISA,ICC/IF,IF,IHC-Fr,IHC-P,WB
Recommended	WB: 1:500-2000; IHC-P: 1:100-500; IHC-Fr: 1:100-500; ICC/IF: 1:100-500; IF: 1:100-500; ELISA: 1:5000-10000

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 ESAT6
Synonyms:	Ess extracellular protein A;esxA;Type VII secretion system extracellular protein A

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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