



## Product datasheet

### Anti-TB Ag85A antibody ab193499

[1 References](#) [1 Image](#)

#### Overview

|                            |   |
|----------------------------|---|
| <b>Product name</b>        | Anti-TB Ag85A antibody  |
| <b>Description</b>         | Rabbit polyclonal to TB Ag85A   |
| <b>Host species</b>        | Rabbit  |
| <b>Tested applications</b> | <b>Suitable for:</b> WB, ELISA  |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Mycobacterium tuberculosis  |
| <b>Immunogen</b>           | Recombinant fragment corresponding to Mycobacterium tuberculosis TB Ag85A aa 50 to the C-terminus.<br>Database link: <a href="#">P9WQP2</a>   |
|                            | <div>  <a href="#">Run BLAST with</a>  <a href="#">Run BLAST with</a> </div>  |
| <b>Positive control</b>    | Recombinant Mycobacterium tuberculosis TB Ag85A protein.  |
| <b>General notes</b>       | <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p> |

#### Properties

|                             |   |
|-----------------------------|---|
| <b>Form</b>                 | Liquid  |
| <b>Storage instructions</b> | Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle. |
| <b>Storage buffer</b>       | pH: 7.40<br>Constituents: 49% PBS, 50% Glycerol (glycerin, glycerine), 0.03% Proclin 300  |
| <b>Purity</b>               | Protein G purified  |
| <b>Purification notes</b>   | >95%,Protein G purified   |
| <b>Clonality</b>            | Polyclonal  |
| <b>Isotype</b>              | IgG   |

## Applications

### The Abpromise guarantee

Our **Abpromise guarantee** covers the use of ab193499 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

| Application | Abreviews | Notes   |
|-------------|-----------|---|
| WB          |           | 1/1000 - 1/5000. Detects a band of approximately 36 kDa (predicted molecular weight: 36 kDa). |
| ELISA       |           | Use at an assay dependent concentration.  |

## Target

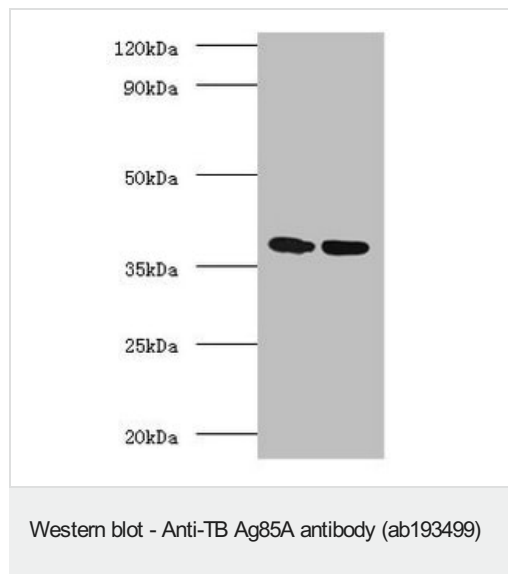
### Relevance

Mycobacterium tuberculosis antigen 85 is a complex of three related gene products of 30-31 kDa, Ag85A, B and C. These proteins are responsible for the high affinity of mycobacteria to fibronectin. All three proteins possesses a mycolyltransferase activity - which is required for the biogenesis of trehalose dimycolate (cord factor), a dominant structure necessary for maintaining cell wall integrity. Thus all three proteins are involved in the final stages of mycobacterial cell wall assembly.

### Cellular localization

Secreted; cell wall. Cytoplasm

## Images



**All lanes :** Anti-TB Ag85A antibody (ab193499) at 2 µg/ml

**Lane 1 :** Recombinant Mycobacterium tuberculosis TB Ag85A protein at 1 µg

**Lane 2 :** Recombinant Mycobacterium tuberculosis TB Ag85A protein at 10 µg

### Secondary

**All lanes :** Goat polyclonal to rabbit IgG at 1/10000 dilution

**Predicted band size:** 36 kDa

**Observed band size:** 36 kDa

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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