

# Anti-Chlamydia trachomatis antibody ab106853

### Overview

|                            |   |
|----------------------------|---|
| <b>Product name</b>        | Anti-Chlamydia trachomatis antibody   |
| <b>Description</b>         | Goat polyclonal to Chlamydia trachomatis  |
| <b>Host species</b>        | Goat  |
| <b>Specificity</b>         | Cross-reacts with Chlamydia psittacii and Chlamydia pneumoniae (TWAR). Negative against HEp-2 cells and egg yolk sac.   |
| <b>Tested applications</b> | <b>Suitable for:</b> ELISA, ICC/IF  |
| <b>Species reactivity</b>  | <b>Reacts with:</b> Chlamydia trachomatis   |
| <b>Immunogen</b>           | Tissue, cells or virus corresponding to Chlamydia trachomatis Chlamydia trachomatis. Tissue/ cell preparation (L2 + other serovar groups).  |
| <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. |
| <b>Storage buffer</b>       | Preservative: 0.1% Sodium azide<br>Constituent: 0.0268% PBS  |
| <b>Purity</b>               | IgG fraction   |
| <b>Clonality</b>            | Polyclonal   |
| <b>Isotype</b>              | IgG  |

### Applications

**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab106853 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                               |
|-------------|-----------|-------------------------------------|
| ELISA       |           | Use at an assay dependent dilution. |
| ICC/IF      |           | Use at an assay dependent dilution. |

## Target

### Relevance

Chlamydia trachomatis is an intracellular organism. Chlamydia usually infects the cervix and fallopian tubes of women and the urethra of men. Chlamydial infections are believed to be one of the most common of all STDs. It is generally thought that in a population of 15 million, there are up to 300,000 cases of chlamydia each year. Thus, there are many undiagnosed cases of chlamydia in the community. It has been estimated that the true prevalence of chlamydia in the sexually active population may be in the order of 5% to 10%. Chlamydia is one of the leading causes of blindness in underdeveloped countries.

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

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