

## Product Information

### Lipopolysaccharide / LPS Mouse anti-Chlamydia trachomatis Monoclonal (ACI) Antibody

**CAT#:** ANT37

Lipopolysaccharide / LPS mouse anti-chlamydia trachomatis monoclonal (ACI) antibody is an unconjugated mouse monoclonal antibody to chlamydia trachomatis LPS (Lipopolysaccharide). Validated for ELISA, IF, and IHC.

#### Product Information

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| <b>NavID</b>        | Monoclonal Antibody to LPS   |
| <b>Category</b>     | Monoclonal Antibody to LPS   |
| <b>Host</b>         | Mouse  |
| <b>Reactivity</b>   | Chlamydia trachomatis  |
| <b>Clonality</b>    | IgG3 Monoclonal  |
| <b>Clone Number</b> | ACI  |
| <b>Immunogen</b>    | Chlamydia antigen.   |
| <b>Conjugations</b> | Unconjugated   |
| <b>Form</b>         | Unconjugated, Unmodified   |
| <b>Application</b>  | IHC, IF, ELISA   |
| <b>Storage</b>      | -20°C, 4°C   |
| <b>Usage</b>        | Suitable for use in immunofluorescence microscopy, immunohistochemistry and ELISA. Detects Chlamydia species in clinical specimens after fixation with methanol/acetone (1:1).<br>Immunofluorescence microscopy: 1:10 with PBS, pH 7.4. Immunohistochemistry: Paraformaldehyde-fixed tissue sections.  |
| <b>Size</b>         | 50 ug  |
| <b>Specificity</b>  | Recognizes a genus-specific epitope of the Chlamydia lipopolysaccharide antigen and identifies 15 serotypes of <i>C. trachomatis</i> as well as <i>C. psittaci</i> and <i>C. pneumoniae</i> with a strong fluorescence of the intracellular inclusions, the pinhead-sized extracellular elementary bodies and the free cell-associated Chlamydia lipopolysaccharide antigens (amorphous foci). |
| <b>Purify</b>       | Protein A purified   |