# Mouse Chlamydia Monoclonal Antibody

Chlamydia antibody

| CATALOG # | HOST | APPLICATIONS |
|---|---|---|
| **AAA106564** | **Mouse** | **Immunohistochemistry, Immunofluorescence** |

## PRODUCT SYNONYMS

Chlamydia; Monoclonal Antibody; Chlamydia antibody; Monoclonal Chlamydia; Anti Chlamydia; anti-Chlamydia antibody

## PRODUCT SPECIFICATIONS

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| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Isotype** | IgG3 |
| **Clone Number** | ACI |
| **Specificity** | Chlamydia lipopolysaccharide |
| **Form/Format** | Liquid culture supernatant |
| **Concentration** | 1.0ml supernatant (varies by lot) |
| **Sequence Length** | 1006 |
| **Applicable Applications for anti-Chlamydia antibody** | IHC (Immunohistochemistry), IF (Immunofluorescence) |
| **Biological Significance** | Chlamydia is a genus of bacteria that are obligate intracellular parasites. Chlamydia infections are the most common bacterial sexually transmitted infections in humans and are the leading cause of infectious blindness worldwide. |
| **Reactivity** | Recognizes a genus-specific epitope of the Chlamydia lipopolysaccharide antigen and identifies 15 serotypes of C. trachomatis. I also detects C.psittaci and C.pneumoniae with a strong fluorescence of the intracellular inclusions, the pinhead-sized extracellular elementary bodies and the free cell-associated chlamydia lipopolysaccharide antigens (amorphouse foci). |
| **Cross-Reactivity** | C. Trachomatis, C. Psittaci, C. Pneumoniae |
| **Immunogen** | Chlamydia antibody was raised in mouse using Chlamydia lipopolysaccharide as the immunogen. |
| **Preparation and Storage** | Ships ambient or refrigerated. Upon receipt store at 4 degree C. |

## ADDITIONAL INFORMATION

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| **Related Product Information for anti-Chlamydia antibody** | Mouse monoclonal Chlamydia antibody |
| **Product Categories/Family for anti-Chlamydia antibody** | Infectious Disease |

## NCBI AND UNIPROT INFORMATION

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| **NCBI GI #** | 339461295 |
| **NCBI Official Full Name** | chlamydia polymorphic membrane protein middle domain protein |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://www.aaabiotech.com/monoclonal/chlamydia-antibody-clone-aci-immunohistochemistry-immunofluorescence-elisa/106564