



## Polyclonal Antibody to **Chlamydia**

### *Technical Data Sheet*

#### Reagent Category

Polyclonal primary antibody to chlamydia

#### Antibody Formats Supplied

- 7 ml of anti chlamydia, Ready-To-Use
- 0.2 ml of anti chlamydia, Concentrate

PRODUCT# IMI18261E (Ready-To-Use)

PRODUCT# IMI18252E (Concentrate)

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**SOURCE:** Rabbit

#### **REACTIVITY**

This antibody reacts with purified elementary bodies of Chlamydia Trachomatis, this antibody is also cross reactive with Chlamydia psittacii and with Chlamydia pneumoniae. This antibody is suitable for use in cell culture preparations, routinely fixed paraffin embedded and frozen sections and it is compatible with formalin fixed tissues. For best staining results with paraffin sections, Refer to Special Usage Guidance of this data sheet.

**POSITIVE CONTROL TISSUE:** Chlamydia infected cell culture/ tissue

#### **Antibody FORMAT, DILUTION and INCUBATION:**

**7 ml of Ready-to-Use; *Do not dilute.* Incubate for 10-30 minutes.**

The use of Innovex Enhancing Wash Buffers (Innovex product # 301 & 302) in place of PBS or Tris buffer for the rinsing in between the incubation steps allows 5 minute incubation for the Primary antibody is highly recommended.

**0.2 ml Concentrate, Starting dilution for: 1:20-1:50.** Overnight incubation may be required for staining paraffin sections. All concentrated antibodies must be titered by the user for the secondary reagents and tissue employed.

**The above dilutions and incubation times were derived by the use of Innovex STAT-Q and HISTO-STAT staining systems. For less sensitive staining systems these dilution factors may vary and they should be determined by the end user for specific detection system employed.**

#### **SPECIAL USAGE GUIDANCE**

No pre-treatment is necessary, however, the use of Innovex signal Enhancing Wash Buffer in place of PBS or Tris buffer for the rinsing steps (Item#: IMI00396E for Immuno-Peroxidase staining and Item#: IMI00596E for Alkaline-Phosphatase staining) is highly recommended. The use of Innovex Enhancing Wash Solutions greatly increases staining signals (by 2-4 folds) for all tissues including antigenically weak or overfixed tissues. Its use further eliminates the need for repetitive procedures.

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## **APPLICATIONS**

This antibody is intended for use in immunolocalization of AFP antigen in human or animal tissue by a variety of immunoassays such as Immunochemistry, fluorescent labeling, ELISA, Immunoblotting and dot blotting. In immunochemistry, this antibody can be used in staining routinely fixed paraffin embedded or frozen histological sections for the purpose of qualitative localization of AFP antigens. This antibody can also be used for quantitative flow cytometric assays in the indirect method.

## **STORAGE CONDITIONS**

Store in refrigerator at 2-8°C through expiration date noted on the vial.

## **IMPORTANT NOTE:**

**The interpretation of test results is the sole responsibility of the end user.**

***FOR IN VITRO RESEARCH USE ONLY***