



## Polyclonal Antibody to **HELICOBACTER PYLORI**

### *Technical Data Sheet*

#### Reagent Category

Polyclonal primary antibody to  
Helicobacter pylori

#### Antibody Formats Supplied

- 0.2 ml of anti Helicobacter pylori, Concentrate
- 7 ml of anti Helicobacter pylori, Ready-To-Use

PRODUCT# IMI24352E (Ready-To-Use)

PRODUCT# IMI24361E (Concentrate)

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**SOURCE:** Rabbit

**IMMUNOGEN:** Whole cell lysate

#### **REACTIVITY**

This helicobacter pylori antibody is rabbit whole antiserum that is adsorbed against most related microorganisms. This antibody reacts with helicobacter pylori of surface and cytoplasmic epithelial cells of infected stomach and infected cell culture. This antibody is compatible with formalin fixative as well as most commonly used histological fixatives. Staining this antibody on paraffin sections requires heat retrieval. For Background-Free retrieval, Innovex Uni-Trieve (60°C-70°C) Universal retrieval solution is highly recommended. To retrieve with Uni-Trieve: Warm up water bath to 60°C-70°C and fill a slide holding container with Uni-Trieve solution. Place slides in a slide rack or in a coplin jar, immerse slides in Uni-Trieve solution, bring the Uni-Trieve solution and slides to 60°C-70°C and hold slides in 60°C-70°C Uni-Trieve solution for 30 minutes. Rinse slides with two quick changes of water; No cooling period is required. Proceed with immunostaining.

**POSITIVE CONTROL TISSUE:** infected stomach/cell culture

#### **APPROPRIATE NEGATIVE CONTROL SERA**

Use purified Normal rabbit sera (free of immunoglobulins) in place of primary antibody when staining negative control slides. Observe the same incubation time for negative control and the primary antibody.

**STAINING PATTERN:** Surface and Cytoplasm staining

#### **Antibody FORMATS, DILUTIONS and INCUBATIONS**

This rabbit polyclonal anti Helicobacter pylori antibody is provided in phosphate buffered saline pH7.2 with bovine serum albumin (BSA) and 0.1% sodium azide. This antibody is available in:

**7 ml of Ready-To-use; Do not Dilute, Incubate for 30 minute to 1 hour depending on the tissue. When staining paraffin sections, heat retrieval is recommended.**

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**0.2 ml of concentrate; For 30-minute to 1-hour incubation, dilute 1:25.** The provided dilution range is a more guideline. All concentrate antibodies must be titered for the secondary staining reagents and the specimen employed.

**Staining this antibody on paraffin sections requires heat retrieval.**

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## **APPLICATIONS**

This antibody is intended for use in staining helicobacter pylori in human and animal tissues in routinely fixed paraffin embedded or frozen histological sections for the purpose of qualitative localization of helicobacter pylori in infected tissue. 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.**

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