**Product datasheet**

**Anti-Helicobacter pylori antibody [EPR10353] ab172611**

**Overview**

- **Product name**: Anti-Helicobacter pylori antibody [EPR10353]
- **Description**: Rabbit monoclonal [EPR10353] to Helicobacter pylori
- **Host species**: Rabbit
- **Tested applications**: Suitable for: IHC-P
- **Immunogen**: Tissue, cells or virus corresponding to Helicobacter pylori.
- **Positive control**: Human gastritis tissue.
- **General notes**: Our RabMAb® technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb® patents. This product is a recombinant rabbit monoclonal antibody.

**Properties**

- **Form**: Liquid
- **Storage buffer**: pH: 7.20
  - Preservative: 0.01% Sodium azide
  - Constituents: 9% PBS, 40% Glycerol, 0.05% BSA, 50% Tissue culture supernatant
- **Purity**: Tissue culture supernatant
- **Clonality**: Monoclonal
- **Clone number**: EPR10353
- **Isotype**: IgG

**Applications**

Our Abpromise guarantee covers the use of ab172611 in the following tested applications.
**Relevance**

The spiral shaped bacterium *Helicobacter pylori* is strongly associated with inflammation of the stomach and is also implicated in the development of gastric malignancy. *H. pylori* is known to cause peptic ulcers and chronic gastritis in human. It is associated with duodenal ulcers and may be involved in development of adenocarcinoma and low-grade lymphoma of mucosa associated lymphoid tissue in the stomach. More recently this bacterium has also been implicated with a number of vascular disorders including heart disease. It is not clear how *H. pylori* is transmitted or why some patients become symptomatic while others do not. The bacteria are most likely spread from person to person through fecal-to-oral or oral-to-oral routes. Possible environmental reservoirs include contaminated water sources. Serological tests that measure specific *H. pylori* IgG antibodies can determine if a person has been infected although these methods do have drawbacks and limitations.

**Images**

Immunohistochemical analysis of paraffin-embedded Human gastritis tissue labeling Helicobacter pylori with ab172611 at 1/250 dilution (left panel) and Human stomach tissue (negative control) (right panel).

**Application** | **Abreviews** | **Notes**
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IHC-P | 1/250 - 1/500. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. |  

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