Product datasheet

Anti-Helicobacter pylori antibody (FITC) ab30954

1 References

Overview

Product name Anti-Helicobacter pylori antibody (FITC)
Description Rabbit polyclonal to Helicobacter pylori (FITC)
Host species Rabbit
Conjugation FITC. Ex: 493nm, Em: 528nm
Specificity ab30954 recognises Helicobacter pylori
Tested applications Suitable for: ICC/IF
Species reactivity Reacts with Helicobacter pylori.
Immunogen Helicobacter pylori

Properties

Form Liquid
Storage instructions Shipped at 4°C. Store at +4°C.
Storage buffer Preservative: 0.1% Sodium Azide
Constituents: 1% BSA, PBS, pH 7.2
Purification notes Chromatographically purified IgG fraction.
Clonality Polyclonal
Isotype IgG

Applications

Our Abpromise guarantee covers the use of ab30954 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

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<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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<tr>
<td>ICC/IF</td>
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<td>Use at an assay dependent concentration. PubMed: 22248188</td>
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Target
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.

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