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.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
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<tbody>
<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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