

Product datasheet

FITC Anti-Helicobacter pylori antibody ab20829

Overview

Product name	FITC Anti-Helicobacter pylori antibody
Description	FITC Rabbit polyclonal to Helicobacter pylori
Host species	Rabbit
Conjugation	FITC. Ex: 493nm, Em: 528nm
Specificity	Has not been absorbed and may react with related microorganisms.
Tested applications	Suitable for: IHC-FoFr, ICC/IF
Species reactivity	Reacts with Helicobacter pylori. Other species not tested.
Immunogen	Whole cell lysate, ATCC strain 43504.

General notes

The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing the problem with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation.

One factor contributing to the crisis is the use of antibodies that are not suitable. This can lead to misleading results and the use of incorrect data informing project assumptions and direction. To help address this challenge, we have introduced an application and species grid on our primary antibody datasheets to make it easy to simplify identification of the right antibody for your needs.

Learn more [here](#).

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	Preservative: 0.1% Sodium azide Constituents: 0.0268% PBS, 1% BSA
Purity	Protein A purified
Purification notes	Covalently coupled with high purity Isomer I of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product.
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee

Our [Abpromise guarantee](#) covers the use of **ab20829** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
IHC-FoFr		
ICC/IF		

Application notes

IF: 1/10 - 1/50.
IHC-F: 1/10 - 1/50.
Acetone fixation of the antigen source is recommended prior to staining.

Not tested in other applications.
Optimal dilutions/concentrations should be determined by the end user.

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.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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