

# Helicobacter pylori Antibody - With BSA and Azide

Mouse Monoclonal Antibody [Clone B-53.4 ]

Catalog # AH13013

## Product Information

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<b>Application</b>	IF, FC, E
<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	Mouse / IgG1, kappa
<b>Clone Names</b>	B-53.4
<b>Calculated MW</b>	Not Known

## Additional Information

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<b>Application Note</b>	IF~~1:50~200 FC~~1:10~50 E~~N/A
<b>Storage</b>	Store at 2 to 8°C.Antibody is stable for 24 months.
<b>Precautions</b>	Helicobacter pylori Antibody - With BSA and Azide is for research use only and not for use in diagnostic or therapeutic procedures.

## Background

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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. This antibody stains the individual *H. pylori* bacterium when it presents on the surface of the epithelium or in the cytoplasm of the epithelial cells in biopsy tissue sections from the antrum and body of the stomach.

## References

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Fiorentino M et. al. Infect Immun 81:876-883 (2013)

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.