

Product datasheet for **AM00864PU-N**

Helicobacter pylori (19kDa OMP) Mouse Monoclonal Antibody [Clone ID: BDI626]

Product data:

Product Type:	Primary Antibodies
Clone Name:	BDI626
Applications:	ELISA, IF, WB
Recommended Dilution:	ELISA. IFA. Western Blot.
Reactivity:	Helicobacter pylori
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	H. pylori whole organism
Specificity:	This antibody reacts with the 19kDa (OMP) of H. pylori. Non-reactive in ELISA with C. jejuni, E. coli (mix), Shigella (mix), P. aeruginosa, Yersinia and Citrobacter.
Formulation:	0.01M PBS, pH 7.2 containing 0.09% sodium azide State: Purified State: Liquid purified IgG
Concentration:	lot specific
Purification:	>90% pure. Protein A chromatography
Conjugation:	Unconjugated
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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Background:

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.

Synonyms:

H. pylori