

AM00864PU-N**Monoclonal Antibody to Helicobacter pylori (19kDa OMP) - Purified**

Alternate names:	H. pylori
Quantity:	1 mg
Concentration:	0.1 mg/ml (OD280nm, E0.1% = 1.4)
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.
Host / Isotype:	Mouse / IgG1
Recommended Isotype Controls:	AM03095PU-N
Clone:	BDI626
Immunogen:	H. pylori whole organism
Format:	State: Liquid purified IgG Purification: >90% pure. Protein A chromatography Buffer System: 0.01M PBS, pH 7.2 containing 0.09% sodium azide
Applications:	ELISA. IFA. Western Blot. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
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.
Storage:	Store the antibody at -20°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.