

Product datasheet for **BM3361P**

Helicobacter pylori (54kDa Flagellin) Mouse Monoclonal Antibody [Clone ID: BDI461]

Product data:

Product Type:	Primary Antibodies
Clone Name:	BDI461
Applications:	ELISA, IF, WB
Recommended Dilution:	Suitable for use in ELISA, Western blot and Immunofluorescence.
Reactivity:	Helicobacter pylori
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	H. pylori (whole organism).
Specificity:	Reactive with the 54kDa (Flagellin) of H. pylori. Not reactive in ELISA with C. jejuni, E. coli (mix), Salmonella (mix), Shigella (mix), P. aeruginosa, Yersinia and Citrobacter.
Formulation:	0.01M PBS, pH 7.2 with 0.09% Sodium Azide as preservative and without stabilizing proteins State: Purified State: Liquid purified IgG fraction (>90% pure)
Concentration:	lot specific
Purification:	Protein A Chromatography.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.



[View online »](#)

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