



Mouse Anti-H. pylori flagellin Monoclonal antibody, clone CDI517 (DMAB3471)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Reactive with the 54kDa (flagellin) of H. pylori. Does not react in ELISA with C. jejuni, E. coli (mix), Salmonella (mix), Shigella (mix), P. aeruginosa, Yersinia and Citrobacter
Target	H. pylori
Immunogen	H. pylori whole organis
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	H. pylori
Clone	CDI517
Affinity Constant	Not determined
Purification	90% pure. Protein A chromatograph
Conjugate	Unconjugated
Applications	Suitable for use in ELISA, Western blot and IFA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Purified, Liquid
Concentration	100ug/ml (OD280nm, E0.1%= 1.3)
Size	1 mg

Buffer	0.01M PBS, pH 7.2. This product contains no stabilizing proteins.
Preservative	0.1% Sodium Azide
Storage	Upon receipt, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

BACKGROUND

Introduction	<u>Helicobacter pylori is a Gram-negative, microaerophilic bacterium that can inhabit various areas of the stomach, particularly the antrum. It causes a chronic low-level inflammation of the stomach lining and is strongly linked to the development of duodenal and gastric ulcers, stomach cancer. Over 80 percent of individuals infected with the bacterium are asymptomatic.</u>
Keywords	Helicobacter pylori; Helicobacteraceae; Helicobacter; H. pylori; HELIOBACTOR PYLORI; HELICOBACTER PYLORI; Bacteria; Proteobacteria; Epsilonproteobacteria; Campylobacterales