



Anti-H. pylori CagA Monoclonal antibody, Clone C819M (DMAB3473)

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

PRODUCT INFORMATION

Specificity	Recognizes an epitope localized between Asp562 and Gln795 in the GenBank FJ428215 amino acid sequence.
Target	H. pylori CagA
Immunogen	Recombinant fragments of CA-gene of H. pylori
Isotype	IgG
Source/Host	Mouse
Species Reactivity	H. pylori
Clone	C819M
Affinity Constant	Not determined
Purification	95% pure (SDS-PAGE). Protein G chromatography
Conjugate	Unconjugated
Applications	Suitable for use in ELISA and Western blot. 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. Recommended antibody pair for sandwich immunoassay: Capture Detection DMAB3473 DMAB3475
Format	Purified, Liquid
Concentration	2.5mg/ml (OD280nm, E0.1%= 1.4)

Size	1 mg
Buffer	PBS, pH 7.4
Preservative	0.1% Sodium Azide
Storage	Store at 2–8°C

BACKGROUND

Introduction 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.

Keywords Helicobacter pylori; Helicobacteraceae; Helicobacter; H. pylori; HELIOBACTOR PYLORI; HELICOBACTER PYLORI; H. pylori CagA; H. pylori cytokine associated gene A; Helicobacter pylori cytokine associated gene A; HELICOBACTER PYLORI CAG ANTIGEN; Helicobacter pylori CagA