



Anti-H. pylori Polyclonal antibody (DPAB1443)

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

PRODUCT INFORMATION

Specificity	Whole cell lysate. Has not been absorbed and may react with related microorganisms
Target	H. pylori
Immunogen	ATCC strain 43504
Source/Host	Rabbit
Species Reactivity	H. pylori
Purification	Protein A chromatography. Covalently coupled with high purity Isomer I of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product.
Conjugate	FITC
Applications	Suitable for use in direct IFA, ELISA and immunohistochemistry (formalin fixed/paraffin). Acetone fixation of the antigen source is recommended prior to staining. Enzyme amplification following reaction with FITC conjugate can also be accomplished utilizing enzyme-antibody conjugates specific to FITC. 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.
Concentration	4-5mg/ml (OD280nm, E0.1%=1.4)
Size	1 ml
Buffer	0.01M PBS, pH 7.2 containing 10mg/ml BSA
Preservative	0.1% Sodium Azide
Storage	Short term (up to 6 months) at 2–8°C under subdued light. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

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 and stomach cancer. Over 80 percent of individuals infected with the bacterium are asymptomatic.
Keywords	H. pylori; Proteobacteria; Epsilonproteobacteria; Campylobacterales; Helicobacteraceae; Helicobacter; Helicobacter pylori