

Polyclonal Antibody to *Helicobacter pylori* (all antigens) -FITC-

Alternate names:	H. pylori
Catalog No.:	BP2028F
Quantity:	1 ml
Concentration:	4-5 mg/ml (OD280 nm, E0.1%= 1.4)
Background:	<p>The spiral shaped bacterium <i>Helicobacter pylori</i> is strongly associated with inflammation of the stomach and is also implicated in the development of gastric malignancy. <i>H. pylori</i> 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 <i>H. pylori</i> 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.</p>
Host:	Rabbit
Immunogen:	ATTC strain 43504.
Format:	<p>State: Liquid purified Ig fraction. Purification: Protein A affinity chromatography. Buffer System: 0.01 M PBS, pH 7.2, containing 10 mg/ml BSA as stabilizer and 0.09% Sodium Azide as preservative. Label: FITC – High purity Isomer I of Fluorescein Isothiocyanate Care is taken to ensure complete removal of any free fluorescein from the final product</p>
Applications:	<p>Immunohistochemistry (formalin-fixed paraffin embedded). ELISA (> 1/5,000). Immunofluorescence microscopy (> 1/1,000). 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. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</p>
Specificity:	<p>The antibody reacts with whole cell Lysate. This antiserum has not been absorbed and may react with related microorganisms.</p>
Storage:	<p>Store the antibody at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Protect from light! Shelf life: one year from despatch.</p>

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com