

**MONOTOPE™** product information for

**Helicobacter pylori - Antibody Pairs**

**I. Monoclonal Antibody (Mouse) Specificity**

Product No.'s	Ig class	
6641	IgG1	Reactive with the 54 kDa (flagellin) of H. pylori in ELISA, IFA, WB & LF. Negative with related bacteria*
6642	IgG2a	Reactive with the 54 kDa (flagellin) of H. pylori in ELISA & IFA. Negative with other agents^
6643	IgG2a	Reactive with the 54 kDa (flagellin) of H. pylori in ELISA & IFA. Negative with other agents^
6644	IgG2a	Reactive with the 54 kDa (flagellin) of H. pylori in ELISA & IFA. Negative with other agents^
6645	IgG1	Reactive with the 54 kDa (flagellin) of H. pylori in ELISA & IFA. Negative with other agents^

**II. Purified Preparations**

Product No.'s
6641
6642
6643
6644
6645

MONOTOPE™ purified preparations consist of >90% pure mouse monoclonal antibody which has been purified from ascites fluid or culture medium by protein A chromatography or sequential differential precipitations. The final preparation is formulated to a protein concentration of 100 µg/ml in 0.01 M phosphate buffered saline, pH 7.2 and contains 0.1% sodium azide. Each vial contains 1.0 ml. This product contains no stabilizing proteins and should be stored at 2-8°C until ready for use.

Working dilution must be determined by the user. Suggested starting ranges are 1:10-1:50 for IFA and 1:20-1:200 for ELISA.

THESE PRODUCTS ARE FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

**III. Fluorescein Conjugates**

Product No.'s

These MONOTOPE™ products consist of purified monoclonal antibody conjugated with high purity isomer I of fluorescein isothiocyanate. Care is taken to ensure complete removal of any free fluorescein from the final product. The final preparation is formulated to an antibody concentration of 100 µg/ml in 0.01 M phosphate buffered saline, pH 7.2 containing 0.1% sodium azide plus bovine serum albumin at 10 mg/ml. Each vial contains 1.0 ml. This product should be stored at 2-8°C until ready for use. Avoid repeated freeze-thawing by storing multiple aliquots at -20°C. Applications for these products include direct FA staining of target antigen in a permissive tissue culture system. Working strength must be determined by the user for each specific application but a starting range of 1:5 - 1:20 is recommended. Acetone fixation of the antigen source is recommended prior to staining.

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**Comments:** \* Non-reactive in ELISA with: C. jejuni, E. coli (mix), Salmonella (mix), Shigella (mix), P. aeruginosa, Yersinia and Citrobacter  
^ Non-reactive in IFA with: Giardia, Cryptosporidium, Enterococcus, E. coli sp., Salmonella sp., Shigella sp., Campylobacter & Vibrio.

**Best Pairs for Antigen Detection (capture-conjugate): 6641-6642, 6641-6643, 6641-6644, 6645-6642**