

### 36-3762: Anti-Helicobacter pylori Monoclonal Antibody(Clone: B-53.4)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	B-53.4
<b>Application :</b>	ELISA,FACS,IF
<b>Alternative Name :</b>	H. pylori
<b>Isotype :</b>	Mouse IgG1, kappa
<b>Immunogen Information :</b>	Total sonicate of Helicobacter pylori

#### Description

The spiral shaped bacterium *Helicobacter pylori* is strongly associated with inflammation of the stomach and is also implicated in the development of gastric malignancy. *H. pylori* 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. This antibody stains the individual *H. pylori* bacterium when it presents on the surface of the epithelium or in the cytoplasm of the epithelial cells in biopsy tissue sections from the antrum and body of the stomach.

#### Product Info

<b>Amount :</b>	20 µg / 100 µg
<b>Content :</b>	200 µg/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
<b>Storage condition :</b>	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

#### Application Note

ELISA (For coating use Ab at 1-5µg/ml, order Ab without BSA); Flow Cytometry (1-2µg/million cells); Immunofluorescence (1-2µg/ml);