

## H pylori Antibody [clone HP/212] (V3089)

Catalog No.	Formulation	Size
V3089-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3089-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3089SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

### Bulk quote request

Availability	1-3 business days
Species Reactivity	Helicobacter pylori
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	HP/212
Purity	Protein G affinity chromatography
UniProt	Not Known
Localization	Cell surface and cytoplasm
Applications	ELISA : 1-5ug/ml for coating (order BSA/sodium azide-free format) Flow cytometry : 0.5-1ug/10 <sup>6</sup> cells Immunofluorescence : 1-2ug/ml
Limitations	This H pylori antibody is available for research use only.

## 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.

## Application Notes

Optimal dilution of the H pylori antibody should be determined by the researcher.

## Immunogen

Total sonicate of H pylori was used as the immunogen for the H pylori antibody.

## Storage

Store the H pylori antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).