Helicobacter pylori Antibody [clone B-53.4] (V3103)

| Catalog No. | Formulation | Size |
|----------------|--|--------|
| V3103-100UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V3103-20UG | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug |
| V3103SAF-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 | B-53.4 |
| 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/10^6 cells Immunofluorescence : 1-2ug/ml |
| Limitations | This Helicobacter 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 Helicobacter pylori antibody should be determined by the researcher.

Immunogen

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

Storage

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

Ordering:Phone:858.663.9055 | Fax:1.267.821.0800 | Email:info@nsjbio.com

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