

Product datasheet

anti-Helicobacter pylori mouse monoclonal, EBS-I-041, purified

Short overview

Cat. No.	691503
Quantity	1 ml (100 µg/ml)
Concentration	100 µg/ml

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1 kappa
Clone	EBS-I-041
Immunogen	Sonicated Helicobacter pylori
Formulation	PBS with 0.02% sodium azide
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	ELISA, FACS, ICC/IF, IHC
Reactivity	H. pylori

Applications

ELISA	Assay dependent
Flow Cytometry (FACS)	0.5-1.0 µg/million cells in 0.1 ml
Immunocytochemistry (ICC)	1:100-1:200 (0.5-1.0 µg/ml)
Immunohistochemistry (IHC) - frozen	1:50-1:100 (1-2 µg/ml)

Background

Over half of the human population is infected with H. pylori. It is usually acquired in childhood and, when left untreated, generally persists for the host's life. Usually infection leads to no more than superficial or asymptomatic gastritis, however in some cases it is implicated in the development peptic ulcers, gastric cancer and low-grade lymphoma of mucosa associated lymphoid tissue (MALT). It is further associated with duodenal ulcers.

Positive control: H. pylori infected stomach biopsy.

Product images



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