

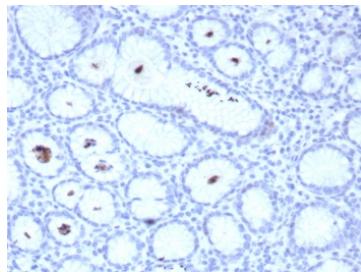
## Helicobacter pylori Antibody (Catalase) / H. pylori [clone HPYL/8548R] (V5322)

Catalog No.	Formulation	Size
V5322-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 ug
V5322-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	20 ug
V5322SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

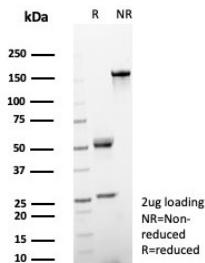
Recombinant RABBIT MONOCLONAL

**Bulk quote request**

Availability	1-3 business days
Species Reactivity	Helicobacter pylori
Format	Purified
Host	Rabbit
Clonality	Recombinant Rabbit Monoclonal
Isotype	Rabbit IgG, kappa
Clone Name	HPYL/8548R
Purity	Protein A/G affinity
Localization	Cell surface, Cytoplasm
Applications	Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT
Limitations	This Helicobacter pylori antibody is available for research use only.



IHC staining of FFPE human H. pylori-infected stomach tissue with Helicobacter pylori antibody (clone HPYL/8548R). HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.



SDS-PAGE analysis of purified, BSA-free *Helicobacter pylori* antibody (clone HPYL/8548R) as confirmation of integrity and purity.

## 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

A recombinant *Helicobacter pylori* Catalase protein fragment (within amino acids 323-445) was used as the immunogen for the *Helicobacter pylori* antibody.

## Storage

Aliquot the *Helicobacter pylori* antibody and store frozen at -20°C or colder. Avoid repeated freeze-thaw cycles.