# Helicobacter pylori (Catalase) Antibody

Mouse Monoclonal Antibody [Clone HPYL/7225]

| Catalog No | Format | Size |
|---|---|---|
| MSM15-7225-P0 | Purified Ab with BSA and Azide at 200ug/ml | 20 ug |
| MSM15-7225-P1 | Purified Ab with BSA and Azide at 200ug/ml | 100 ug |
| MSM15-7225-P1ABX | Purified Ab WITHOUT BSA at 1.0mg/ml | 100 ug |

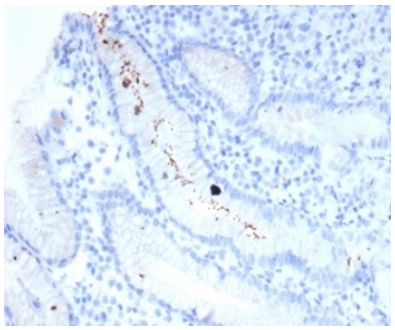
| Applications | Tested Dillution | Note |
|---|---|---|
| Immunohistochemistry (IHC) | 1-2ug/ml | 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes |

## Product Details

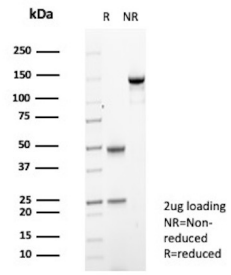
| | |
|---|---|
| **Clone** | HPYL/7225 |
| **Gene Name** | N/A |
| **Immunogen** | Recombinant Helicobacter pylori Catalase protein fragment (around aa323-445) (Exact sequence is proprietary) |
| **Host** | Mouse |
| **Clonality** | Monoclonal |
| **Isotype / Light Chain** | IgG1 / Kappa |
| **Mol. Weight of Antigen** | 58kDa |
| **Cellular Localization** | N/A |
| **Species Reactivity** | Helicobacter Pylori |
| **Positive Control** | Helicobacter pylori infected stomach biopsy |

**Optimal dilution for a specific application should be determined.*

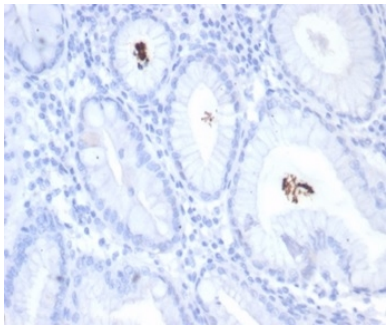
## Product Images for Helicobacter pylori (Catalase) Antibody



Formalin-fixed, paraffin-embedded human H. pylori-infected stomach stained with Helicobacter pylori (Catalase) Mouse Monoclonal Antibody (HPYL/7225).




SDS-PAGE Analysis of Purified HPYL Mouse Monoclonal Antibody(HPYL/7225). Confirmation of Purity and Integrity of Antibody.



Formalin-fixed, paraffin-embedded H. pylori-infected human stomach stained with Helicobacter pylori (Catalase) Mouse Monoclonal Antibody (HPYL/7225).

## Specificity & Comments

The spiral shaped bacteriumHelicobacter pyloriis strongly associated with inflammation of the stomach and is also implicated in the development of gastric malignancy.H. pyloriis 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.

## Supplied As

200ug/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.

## Storage and Stability

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. No MSDS required.

## Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.