

Mouse HP CagA Monoclonal Antibody | anti-HP CagA antibody

mAb anti-HP CagA

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA77906	Mouse	Human Cross-reaction with other proteins has not been identified.	ELISA

PRODUCT SYNONYMS

HP CagA; Monoclonal Antibody; mAb anti-HP CagA; H. pylori (HP) cytotoxin associated gene A protein (CagA); Mouse monoclonal antibody (mAb) against the H. pylori cytotoxin associated gene A protein (CagA); anti-HP CagA antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human Cross-reaction with other proteins has not been identified.
Clonality	Monoclonal
Isotype	IgG1,Kappa
Clone Number	3C10
Specificity	The mAb reacts with H. pylori CagA. H. pylori (HP) cytotoxin associated gene A protein (CagA)
Purity/Purification	Protein G affinity purified
Form/Format	Lyophilized from a solution in 0.01M PBS, pH 7.0
Applicable Applications for anti-HP CagA antibody	ELISA
Immunogen	A highly immunogenic 32kD CagA fragment, recombinant
Fusion Myeloma	Sp2/0-Ag14
Reconstitution	Double distilled water is recommended to adjust the final concentration to 1.00mg/mL.
Research Area	Bacteriology
Product Type	Primary antibody, detection antibody in matched antibody pair.
Target Protein	H. pylori cytotoxin associated gene A (CagA) protein
Preparation and Storage	Store at -20 degree C

ADDITIONAL INFORMATION

Related Product Information for anti-HP CagA antibody	Mouse monoclonal antibody (mAb) to H.pylori cytotoxin associated gene A (CagA) protein. Background: Helicobacter pylori (H. pylori), a spiral rod shaped gram-negative bacterium, is frequently found in the stomach. In infected populations, 10-20% may develop gastritis and gastric ulcer and 1- 2% may develop cancer. The genome of H. pylori isolates from carriers with symptoms contains a 40kb pathogenicity island encoding H. pylori cytotoxin, cytotoxin associated gene A protein (CagA) and other virulence associated factors. CagA is used as a biomarker for virulent H. pylori strains.
Product Categories/Family for anti-HP CagA antibody	Primary Antibodies ; Detection antibody in matched antibody pair ; Monoclonal Antibodies to Human Infectious Agents

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/hp-caga-antibody-clone-3c10-elisa/77906>