

ARG11180 anti-Helicobacter pylori CagA antibody [5C6]

Package: 500 µg
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [5C6] recognizes Helicobacter pylori CagA
Tested Reactivity	H. pylori
Tested Application	ELISA
Specificity	Cross-reaction with other proteins has not been identified.
Host	Mouse
Clonality	Monoclonal
Clone	5C6
Isotype	IgG1 Kappa
Target Name	Helicobacter pylori CagA
Immunogen	A highly immunogenic 32kD CagA fragment, recombinant
Conjugation	Un-conjugated
Alternate Names	cagA; cytotoxin associated gene A

Application Instructions

Application Note	ELISA: HRP conjugated anti-CagA clone 5C6 can detect recombinant CagA antigen in combination with anti-CagA clone 10E9 (ARG10169) coated ELISA plates. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
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Properties

Form	Liquid
Purification	Purification with Protein G
Buffer	0.01M PBS (pH 7.0)
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	cagA
Gene Full Name	cytotoxin associated gene A

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.
Highlight	Related products: Helicobacter pylori antibodies ; Helicobacter pylori ELISA Kits ; Helicobacter pylori Duos / Panels ; Anti-Mouse IgG secondary antibodies ; Related news: Tools for studying H. pylori diseases
Research Area	Microbiology and Infectious Disease antibody