



## **ANOGEN - A Division of YES Biotech Laboratories Ltd.**

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### **Mouse anti- HP CagA Monoclonal Antibody [5C6] Datasheet**

<b>Catalogue No</b>	MO-I40020C
<b>Product name</b>	Mouse anti-HP CagA monoclonal antibody [5C6]
<b>Clone No</b>	5C6
<b>Product type</b>	Primary antibodies
<b>Description</b>	Mouse monoclonal antibody against the <i>H. pylori</i> cytotoxin associated gene A protein (CagA). Protein G affinity purified
<b>Target protein</b>	<i>H. pylori</i> cytotoxin associated gene A protein (CagA).
<b>Immunogen</b>	A highly immunogenic 32Kd CagA fragment, recombinant.
<b>Specificity</b>	The MAb reacts with HP CagA.
<b>Cross-reactivity</b>	Cross-reaction with other protein was not identified.
<b>Clonality</b>	Monoclonal
<b>Source</b>	Mouse
<b>Myeloma</b>	Sp2/0-Ag14
<b>Subclass</b>	IgG1
<b>Light Chain</b>	Kappa
<b>Formulation</b>	Lyophilized from a solution in 0.01M PBS, pH 7.0
<b>Reconstitution</b>	Double distilled water is recommended to adjust the final concentration to 1.00 mg/ml
<b>Applications</b>	<b>ELISA:</b> Clone 5C6 can be used as detection antibody. HRP conjugated anti-HP CagA clone 5C6 matches with clone 10E9 and clone 5H10 coated wells in sandwich ELISA assay to detect the recombinant antigen is used. In addition, clone 5C6 selectively detected cell lysate of a CagA containing HP strain when clone 5H10 is used as coating antibody.
<b>Research</b>	Bacteriology
<b>Storage</b>	Store at -20° C
<b>References</b>	If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide any product of choice as gratitude.

**This product is for LABORATORY RESEARCH USE and further manufacture only, and can not be administrated to human and animals for use in diagnostic and therapeutic procedures.**

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