



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

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### Mouse anti- HP CagA Monoclonal Antibody [5H10] Datasheet

<b>Catalogue No</b>	MO-I40020B
<b>Product name</b>	Mouse anti-HP CagA monoclonal antibody [5H10]
<b>Clone No</b>	5H10
<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 5H10 can be used as capture antibody. In sandwich ELISA, anti-HP CagA clone 5H10 coated wells matches with HRP conjugated clone 5C6, clone 3C10 and clone 3C1 to detect the recombinant antigen. In addition, clone 5H10 selectively detected cell lysate of CagA containing HP strain when HRP conjugated clone 5C6 was used.
<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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