



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

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### Mouse anti- HP CagA Monoclonal Antibody [10E9] Datasheet

<b>Catalogue No</b>	MO-I40020A
<b>Product name</b>	Mouse anti-HP CagA monoclonal antibody [10E9]
<b>Clone No</b>	10E9
<b>Product type</b>	Primary antibodies, Matched antibody Pair Capture antibody
<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>	IgG2a
<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 10E9 can be used as capture antigen. 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, this clone selectively detected cell lysate of a CagA containing HP strain when HRP conjugated clone 3C10 was used.  <b>Western Blotting:</b> This clone detected a 32 KD band corresponding to the molecular weight of the recombinant CagA antigen.
<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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