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

Catalogue No	MO-I40020A
Product name	Mouse anti-HP CagA monoclonal antibody [10E9]
Clone No	10E9
Product type	Primary antibodies, Matched antibody Pair Capture antibody
Description	Mouse monoclonal antibody against the <i>H. pylori</i> cytotoxin associated gene A protein (CagA). Protein G affinity purified
Target protein	<i>H. pylori</i> cytotoxin associated gene A protein (CagA).
Immunogen	A highly immunogenic 32Kd CagA fragment, recombinant.
Specificity	The MAb reacts with HP CagA.
Cross-reactivity	Cross-reaction with other protein was not identified.
Clonality	Monoclonal
Source	Mouse
Myeloma	Sp2/0-Ag14
Subclass	IgG2a
Light Chain	Kappa
Formulation	Lyophilized from a solution in 0.01M PBS, pH 7.0
Reconstitution	Double distilled water is recommended to adjust the final concentration to 1.00 mg/ml
Applications	ELISA: 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 stain when HRP conjugated clone 3C10 was used. Western Blotting: This clone detected a 32 KD band corresponding to the molecular weight of the recombinant CagA antigen.
Research	Bacteriology
Storage	Store at -20° C
References	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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