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Mouse anti- HP CagA Monoclonal Antibody [3C10] Datasheet

Catalogue No	MO-I40020D
Product name	Mouse anti-HP CagA monoclonal antibody [3C10]
Clone No	3C10
Product type	Primary antibodies, matched pair detection 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 the 32Kd recombinant HP CagA.
Cross-reactivity	Cross-reaction with other protein was not identified.
Clonality	Monoclonal
Source	Mouse
Myeloma	Sp2/0-Ag14
Subclass	IgG1
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 3C10 can be used as detection antibody. In sandwich ELISA, anti-HP CagA clone 10E9 and anti-HP CagA clone 5H10 coated wells match with HRP conjugated clone 3C10 to detect the recombinant antigen. HRP conjugated 3C10 also selectively detected cell lysate of a CagA containing HP strain when clone 10E9 was used as coating antibody.
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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