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Mouse anti-Human PSA Monoclonal Antibody [CHYH1] Datasheet

Catalogue No	MO-T40081A
Product name	Mouse anti-Human PSA Monoclonal Antibody [CHYH1]
Clone No	CHYH1
Product type	Primary antibodies, Matched Antibody Pair Capture Antibody
Description	Mouse monoclonal antibody to Human Prostate Specific Antigen (PSA), Protein G affinity purified
Target protein	Human Prostate Specific antigen (PSA)
Immunogen	Human Prostate Specific Antigen
Specificity	This antibody is reactive to normal prostate, benign prostate hyperplasia and prostate malignant carcinoma
Reactivity	Human, others not tested
Cross-reactivity	The antibody is not reacted with tested other normal tissues
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 and to adjust the final concentration to 1.00 mg/ml
Applications	<p>ELISA: Reacts with PSA. This antibody can be used as a capture antibody in sandwich ELISA applications for human PSA detection in combination with a monoclonal tracer/detection antibody (HRP-conjugated, Cat. No.: MO-T40081T). Suggested Capture Coating Dose: 0.5-1.0µg/well; Substrate: TMB.</p> <p>If the above suggested conditions are followed approximately 1 ng/mL of PSA in human serum can be detected with an assay range of 0 to 200 ng/mL</p> <p>Immunohistochemistry: Formalin-fixed paraffin embedded and frozen tissue sections using ABC</p> <p>Western Blot: Concentration of 10µg/ml MAb will allow visualization of 1µg/lane of human PSA</p>
Research	Immunology, cell type, tumor and organ marker
Matched pairs	CHYH1 and CHYH2 are the matched pair antibodies
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 administration to humans and animals for use in diagnostic and therapeutic procedures.

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