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Mouse Anti-Human PSMA Monoclonal Antibody Datasheet

Product Name: mAb anti-human PSMA	Clone No.: YPSMA-2
Catalogue No.: MO-T40086B	Quantity: 0.5 mg/vial
Description: Mouse monoclonal antibody to human Prostate Specific Membrane Antigen (PSMA)	Storage: Store at -20°C
Purification: Protein G affinity purified	Research Area: Oncology
Product Type: Primary antibody	Background: Prostate specific membrane antigen (PSMA) is a type II trans-membrane glycoprotein found in the epithelium of prostate. It is also detectable in duodenal mucosa, renal tubules and some neuroendocrine cells. In other normal tissue, PSMA expression is not detectable. Because the expression of this membrane is elevated in malignant prostate tumour, PSMA has been used as a marker as well as a therapeutic target for prostate cancer. Elevated PSMA expression has also been identified in metastases of lymph nodes.
Target Protein: Human Prostate Specific Membrane Antigen (PSMA)	Applications: Immuno-histochemistry: Formalin-fixed paraffin embedded and frozen tissue sections.
Immunogen: Crude membrane protein preparation from pooled prostate malignant carcinoma from China.	Indirect ELISA: This antibody is reactive to PSMA expressing LNCap cells coated ELISA plate.
Fusion Myeloma: Sp2/0-Ag14	References: If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide one unit of product in the same category as gratitude.
Specificity: This antibody is reactive to PSMA expressed LNCap cell lines.	
Species Reactivity: Human, others not tested	
Cross-Reactivity: Little or no cross-reactivity to benign prostate hyperplasia (BPH) or to normal prostatic tissue.	
Host / Isotype: Mouse, IgG2b 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 1.00mg/mL.	

This product is for **LABORATORY RESEARCH USE** and further manufacture **ONLY**, and cannot be administrated to human and animals for use in diagnostic and therapeutic procedures.

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