## Datasheet

Blood coagulation and Anemia • Bone Metabolism • Cardiac Markers • Fertility and Pregnancy Gangliosides • Hormone Markers • Immunology and Serology • Infectious Diseases • Inflammation Kidney Diseases • Metabolic Syndrome • Microbial and Plant Toxins • Miscellaneous • Neuroscience Thyroid Diseases • Tumor Markers • Veterinary

## CATALOGUE #: 4P33

PRODUCT NAME: Monoclonal mouse anti-prostate specific antigen (PSA)

MAbs <i>in vitro</i> :	<b>8A6cc, 1H12cc, 5A6cc</b> Mouse monoclonal antibody produced in bioreactor. Hybridoma clone derived from hybridization c Sp2/0 myeloma cells with spleen cells of Balb/c mice.		
MAbs <i>in vivo</i> :	PS2		
	Mouse monoclonal antibody produced in ascites. Hybridoma clone derived from hybridization of Sp2/0 myeloma cells with spleen cells of Balb/c mice.		
Immunogen:	Human PSA antigen purified from seminal plasma.		
Specificity:	MAb	Specificity in ELISA	Cross-reactivity with human kallikrein 2
	8A6cc	free PSA, epitope 1	0.00
	PS2	equimolar total PSA, epitope 3.	100%
	1H12cc	Total PSA, epitope 4	No data available
	5A6cc	equimolar total PSA, epitope 5	0.00
MAb isotypes:	<b>IgG1</b> for 5A6cc, PS2, 1H12cc <b>IgG2a</b> for 8A6cc		
Applications:	Detection of PSA antigen. Recommended pair for detection of total PSA (capture-detection): 1H12cc – 5A6cc Recommended pairs for detection of free PSA (capture-detection): 8A6cc – 5A6cc, 5A6cc – 8A6cc MAbs can also be used in lateral flow.		
Purification:	Protein A chromatography		
Presentation:	PBS, pH 7.4, 0.09 % sodium azide (NaN <sub>3</sub> )		
Storage:	+4 °C (+2 +8 °C allowed)		
Material safety note:	This product is sold <b>for research or further manufacturing use only</b> . Standard Laboratory Practices should be followed when handling this material.		
	Product contains sodium azide as a preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.		



SCIENTIFIC EXCELLENCE FOR IVD

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