

CATALOGUE #: 4P33

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

MAbs <i>in vitro</i>:	8A6cc, 1H12cc, 5A6cc Mouse monoclonal antibody produced in bioreactor. Hybridoma clone derived from hybridization of 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:	<table><tr><th>MAb</th><th>Specificity in ELISA</th><th>Cross-reactivity with human kallikrein 2</th></tr><tr><td>8A6cc</td><td>free PSA, epitope 1</td><td>0.00</td></tr><tr><td>PS2</td><td>equimolar total PSA, epitope 3.</td><td>100%</td></tr><tr><td>1H12cc</td><td>Total PSA, epitope 4</td><td>No data available</td></tr><tr><td>5A6cc</td><td>equimolar total PSA, epitope 5</td><td>0.00</td></tr></table>		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
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1H12cc	Total PSA, epitope 4	No data available															
5A6cc	equimolar total PSA, epitope 5	0.00															
MAb isotypes:	IgG1 for 5A6cc, PS2, 1H12cc IgG2a for 8A6cc																
Applications:	Detection of PSA antigen. Recommended pair for detection of total PSA: <table><tr><th>Capture</th><th>Detection</th></tr><tr><td>1H12cc</td><td>5A6cc</td></tr></table> Recommended pairs for detection of free PSA: <table><tr><th>Capture</th><th>Detection</th></tr><tr><td>8A6cc</td><td>5A6cc</td></tr><tr><td>5A6cc</td><td>8A6cc</td></tr></table> MAbs can also be used in lateral flow.		Capture	Detection	1H12cc	5A6cc	Capture	Detection	8A6cc	5A6cc	5A6cc	8A6cc					
Capture	Detection																
1H12cc	5A6cc																
Capture	Detection																
8A6cc	5A6cc																
5A6cc	8A6cc																
Purification:	Protein A chromatography																
Presentation:	PBS, pH 7.4, 0.09 % sodium azide (NaN ₃)																
Storage:	+4 °C (+2 ... +8 °C allowed)																
Material safety note:	This product is sold for research or further manufacturing use only . 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.																