

## Monoclonal Anti-human Prostate Specific Antigen (PSA)

### Specification Sheet

<b>Catalog #:</b>	MP015
<b>Lot #:</b>	1422
<b>Description:</b>	Monoclonal Anti-Human Free and Intact Prostate Specific Antigen
<b>Specificity:</b>	This antibody reacts with free PSA and PSA-ACT (PSA-alpha 1-antichymotrypsin) complex. There is no cross reactivity with human kallikrein and ACT.
<b>Clone:</b>	5H5
<b>Host Animal:</b>	Hybridization of P3x63-Ag 9.653 myeloma cells with spleen cells from Balb/c mouse
<b>Isotype:</b>	IgG1
<b>Source:</b>	Mouse ascites
<b>Immunogen:</b>	PSA purified from human seminal fluid
<b>Format:</b>	Purified, liquid
<b>Purification:</b>	DEAE chromatography
<b>Concentration:</b>	5.28 mg/mL (OD280 nm, E <sup>0.1%</sup> = 1.40)
<b>Affinity Constant:</b>	Not determined
<b>Buffer:</b>	0.015M potassium phosphate buffer, 0.85% NaCl, 0.05% NaN <sub>3</sub> pH=7.2
<b>Pairing Assays:</b>	Pairs with MP011.
<b>Purity:</b>	>95% by HPLC and SDS-PAGE
<b>Application:</b>	PSA quantitative assays by EIA
<b>Storage:</b>	2-8° C for 1 year. Store at -20° C for long term.

**For research use only**