

# BIOCHECK, INC.

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## PRODUCT SPECIFICATIONS

<b>Product Name:</b>	<b>Mouse Monoclonal Anti-Human Prostate Specific Antigen (<u>Total PSA</u>)</b>
<b>Catalog Number:</b>	70338 (PSA-103)
<b>Lot Number:</b>	
<b>Quantity:</b>	_____ mg (= _____ ml)
<b>Antibody Concentration (<math>A_{280nm}</math>):</b>	_____ mg/ml
<b>Subclass:</b>	IgG <sub>1</sub>
<b>Product Form:</b>	DEAE column chromatography purified immunoglobulin fraction in 0.015M KPO <sub>4</sub> buffer, pH = 7.40, containing 0.85% NaCl, 0.1% NaN <sub>3</sub> .
<b>Storage:</b>	At 2-8° C. <u>DO NOT FREEZE</u> . Precipitation may occur upon freezing.
<b>Specificity:</b>	Human prostate-specific antigen
<b>Affinity Constant:</b>	$6 \times 10^9$ l/mol.
<b>Cross-Reactivity:</b>	No cross-reactivity with human albumin, AFP, CEA, PAP, CA 125, CA 15-3, or CA 19-9.
<b>Suggested Use:</b>	For solid phase coating (capture) or enzyme conjugation (detection).
<b>Pairing Information:</b>	This antibody pairs with goat polyclonal anti-human PSA (P/N: 70415) or rabbit polyclonal anti-human PSA (P/N: 70423) in the <u>Total PSA</u> sandwich immunoassay.