

# BIOCHECK, INC.

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## PRODUCT SPECIFICATIONS

**Product Name:** Mouse Monoclonal Anti-Human Free Prostate Specific Antigen (Free PSA)

**Catalog Number:** 70340 (LC-10896)

**Lot Number:**

**Quantity:** \_\_\_\_\_ mg ( \_\_\_\_\_ ml)

**Antibody Concentration ( $A_{280nm}$ ):** \_\_\_\_\_ mg/ml

**Subclass:** IgG<sub>2a</sub>

**Product Form:** 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>.

**Storage:** At 2-8°C, Do Not Freeze. Precipitation may occur upon freezing.

**Specificity:** Human Prostate-Specific Antigen.

**Affinity Constant:**  $2 \times 10^{10}$  l/mol.

**Cross-Reactivity:** No cross-reactivity with human albumin, AFP, CEA, PAP, CA125, CA15-3, or CA19-9.

**Suggested Use:** For solid phase coating.

**Pairing Information:** This antibody pairs with goat polyclonal anti-PSA (P/N: 70184) in the sandwich immunoassay for free PSA.