

BIOCHECK, INC.

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PRODUCT SPECIFICATIONS

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|---|---|
| Product Name: | Mouse Monoclonal Anti-Human Free Prostate Specific Antigen (<u>Free PSA</u>) |
| Catalog Number: | 70340 (LC-10896) |
| Lot Number: | |
| Quantity: | _____ mg (= _____ ml) |
| Antibody Concentration (A_{280nm}): | _____ mg/ml |
| Subclass: | IgG _{2a} |
| Product Form: | DEAE column chromatography purified immunoglobulin fraction in 0.015M KPO ₄ buffer, pH= 7.40 containing 0.85% NaCl, 0.1% NaN ₃ . |
| Storage: | At 2-8°C, <u>Do Not Freeze</u> . Precipitation may occur upon freezing. |
| Specificity: | Human prostate-specific antigen. |
| Affinity Constant: | 2×10^{10} l/mol. |
| Cross-Reactivity: | No cross-reactivity with human albumin, AFP, CEA, PAP, CA 125, CA 15-3, or CA 19-9. |
| Suggested Use: | For solid phase coating (capture). |
| Pairing Information: | This antibody pairs with goat polyclonal anti-human PSA (P/N: 70415) or rabbit polyclonal anti-human PSA (P/N: 70423) in the sandwich immunoassay for human <u>free PSA</u> . |