



PRODUCT SPECIFICATION

CATALOG NUMBER: A45500

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| PRODUCT: | Free Prostate Specific Antigen (Free PSA) Monoclonal Antibody |
| IMMUNOGEN: | Purified human PSA |
| FORM: | DEAE column chromatography purified immunoglobulin from mouse ascites |
| PURITY: | >98% by Gel Electrophoresis |
| BUFFER: | 0.015 M KPO ₄ buffer, 0.85% NaCl, pH 7.40 |
| PRESERVATIVE: | 0.1% sodium azide. |
| AFFINITY CONSTANT: | 2×10^{10} l/mol |
| SUBCLASS: | IgG _{2a} |
| STORAGE CONDITION: | 2-8°C. Precipitation may occur upon repeated freeze/thaw. |
| CROSS REACTIVITY: | No cross reactivity with Human Albumin, AFP, CEA, PAP, CA 125, CA 19-9, or CA 15-3 |
| PAIRING INFORMATION: | When used for coating, this antibody pairs well with PSA mab #A45510, which is used as conjugate antibody, in a sandwich immunoassay for Free PSA. |
| HAZARD/BIOHAZARD: | This material contains Sodium Azide as a preservative, take appropriate precautions. There is no known biohazard associated with this product. |