



PRODUCT SPECIFICATION

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| catalog number: | A45003 |
| product description: | Prostate Specific Antigen (PSA) Monoclonal Antibody, Purified |
| lot number: | [lot specific] |
| immunogen: | Purified human PSA |
| source: | Murine ascites |
| form: | Liquid |
| purification method: | DEAE chromatography |
| purity: | >95% by HPLC and SDS-PAGE |
| buffer: | 0.015M potassium phosphate buffer, 0.85% NaCl, pH 7.2 |
| preservative: | 0.05% NaN ₃ |
| isotype: | IgG ₁ |
| concentration: | [lot specific] mg/mL (based on A ^{1%} _{280nm} = 14.0) |
| specificity: | This antibody is specific for both free PSA and PSA-ACT complex proteins. |
| cross-reactivity: | This antibody does not react with human KLK-3 or ACT. |
| pairing: | This antibody can be paired with A45007, A45502 or A45524. |
| applications: | This monoclonal can be used to quantify free PSA (fPSA), total PSA (TPSA) and PSA-ACT in EIA. |
| storage: | 2-8°C short term (1 year); -20°C long term avoiding multiple freeze thaw cycles. |
| hazard/biohazard: | This material contains sodium azide as a preservative; take appropriate precaution. There is no known biohazard associated with this product. |