

Monoclonal Anti- human prostate specific antigen (PSA)

Specification Sheet

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|---------------------------|---|
| Catalog #: | MP012 |
| Lot #: | 1554 |
| Description: | Mab to free PSA and intact PSA |
| Specificity: | This antibody reacts with free PSA and PSA-ACT (PSA-alpha 1-antichymotrypsin) complex. There is no cross reactivity with human kallikrein and ACT |
| Clone: | 2B3 |
| Host Animal: | Hybridization of P3x63-Ag 9.653 myeloma cells with spleen cells from Balb/c mouse |
| Isotype: | IgG1 |
| Source: | Mouse ascites |
| Immunogen: | PSA purified from human seminal fluid |
| Format: | Purified, liquid |
| Purification: | DEAE chromatography |
| Concentration: | 3.76 mg/ml (OD280 nm, $E^{0.1\%} = 1.40$) |
| Affinity Constant: | Not determined |
| Buffer: | 0.015 M potassium phosphate buffer, 0.85% NaCl, 0.05% NaN ₃ , pH7.2 |
| Pairing Assays: | Pairs with MP011, MP013 and MP015 |
| Application: | For PSA quantitative assays by EIA |
| Purity: | >95% by HPLC and SDS-PAGE |
| Storage: | 2-8° C for 1 year. Long-term store at -20° C |

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