

## Mouse anti-Human PSA Monoclonal Antibody | anti-PSA antibody

PSA antibody

|                              |                      |                            |                                            |
|------------------------------|----------------------|----------------------------|--------------------------------------------|
| CATALOG #<br><b>AAA74512</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Lateral Flow, ELISA</b> |
|------------------------------|----------------------|----------------------------|--------------------------------------------|

### PRODUCT SYNONYMS

PSA; Monoclonal Antibody; PSA antibody; Monoclonal PSA; Anti-PSA; Prostate Specific Antigen; Anti PSA; anti-PSA antibody

### PRODUCT SPECIFICATIONS

|                                               |                                                                                                                                                                                                                                                                                                                                                                                                      |
|-----------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                          | Mouse                                                                                                                                                                                                                                                                                                                                                                                                |
| Reactivity                                    | Human                                                                                                                                                                                                                                                                                                                                                                                                |
| Clonality                                     | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                           |
| Isotype                                       | IgG2a                                                                                                                                                                                                                                                                                                                                                                                                |
| Clone Number                                  | 5A6                                                                                                                                                                                                                                                                                                                                                                                                  |
| Specificity                                   | Human                                                                                                                                                                                                                                                                                                                                                                                                |
| Purity/Purification                           | PSA antibody was purified by chromatography on protein A Sepharose.                                                                                                                                                                                                                                                                                                                                  |
| Form/Format                                   | Purified by protein A sepharose chromatography and supplied in PBS, pH 7.4, 0.1 % NaN <sub>3</sub> .                                                                                                                                                                                                                                                                                                 |
| Applicable Applications for anti-PSA antibody | LF (Lateral Flow), ELISA                                                                                                                                                                                                                                                                                                                                                                             |
| Biological Significance                       | Prostate-specific antigen (PSA) is a protein produced by the cells of the prostate gland. PSA is present in small quantities in the serum of men with healthy prostates, but is often elevated in the presence of prostate cancer and in other prostate disorders. A blood test to measure PSA is considered the most effective test currently available for the early detection of prostate cancer. |
| Biohazard Information                         | This product contains sodium azide as preservative. Although the amount of sodium azide is very small appropriate care must be taken when handling this product.                                                                                                                                                                                                                                     |
| Immunogen                                     | PSA antibody was raised in mouse using human PSA from seminal plasma as the immunogen.                                                                                                                                                                                                                                                                                                               |
| Preparation and Storage                       | Store at 4 degree C.                                                                                                                                                                                                                                                                                                                                                                                 |

### ADDITIONAL INFORMATION

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|---------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PSA antibody | Mouse monoclonal PSA antibody                                                                                                                                                                                                                                                                                                        |
| Product Categories/Family for anti-PSA antibody   | <a href="#">Cancer</a>                                                                                                                                                                                                                                                                                                               |
| References                                        | Novel electrical detection of label-free disease marker proteins using piezoresistive self-sensing micro-cantilevers; Kyung Wook Wee, Ghi Yuun Kanga, Jaebum Parka, Ji Yoon Kanga, Dae Sung Yoona, Jung Ho Parkb, Tae Song Kim (Biosensors and Bioelectronics: Volume: 20 Issue: 10 Page: 1932-1938 DOI: 10.1016/j.bios.2004.09.023) |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.