

ARG11174 anti-PSA antibody [CHYH2]

Package: 100 µg
Store at: -20°C

Summary

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| Product Description | Mouse Monoclonal antibody [CHYH2] recognizes Human Prostate Specific antigen (PSA) |
| Tested Reactivity | Hu |
| Tested Application | ELISA, IHC-P, WB |
| Host | Mouse |
| Clonality | Monoclonal |
| Clone | CHYH2 |
| Isotype | IgG1, kappa |
| Target Name | PSA |
| Species | Human |
| Immunogen | Human Prostate Specific antigen (PSA) |
| Conjugation | Un-conjugated |
| Alternate Names | Prostate-specific antigen; Gamma-seminoprotein; APS; PSA; EC 3.4.21.77; Kallikrein-3; P-30 antigen; Semenogelase; hK3; Seminolisin; KLK2A1 |

Application Instructions

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| Application Note | The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. |
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Properties

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| Form | Liquid |
| Purification | Protein G affinity purified |
| Buffer | 0.01M PBS (pH 7.0) |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Keep the antibody in the dark and keep protected from prolonged exposure to light. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

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| Gene Symbol | KLK3 |
| Gene Full Name | kallikrein-related peptidase 3 |
| Background | Prostate specific antigen (PSA) is a kallikrein related peptidase secreted by the epithelial cells of the prostate gland. Majority of PSA exists in plasma in bounded forms with α 1 anti-chymotrypsin or other |

proteins. The protein is elevated in prostatic disorders such as prostate cancer and benign prostatic hyperplasia. PSA has been used as a biomarker for prostate cancer screening.

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| Function | Hydrolyzes semenogelin-1 thus leading to the liquefaction of the seminal coagulum. [UniProt] |
| Highlight | Related Antibody Duos and Panels: ARG30068 Prostate Specific Antigen ELISA Antibody Duo Related products: PSA antibodies ; PSA ELISA Kits ; PSA Duos / Panels ; Anti-Mouse IgG secondary antibodies ; |
| Research Area | Cancer antibody; Controls and Markers antibody; Neuroscience antibody; Signaling Transduction antibody |
| Calculated Mw | 29 kDa |