

**ARG11174**  
**anti-PSA antibody [CHYH2]**

Package: 100 µg

Store at: -20°C

### Summary

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; Semin; KLK2A1

### Application Instructions

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

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

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 $\alpha$ 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.

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