

Mouse anti-Human Prostate Specific Antigen Monoclonal Antibody | anti-PSA antibody

MAb to PSA

CATALOG # AAA57963	HOST Mouse	REACTIVITY Human	APPLICATIONS ELISA
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PRODUCT SYNONYMS

Prostate Specific Antigen; Monoclonal Antibody; MAb to PSA; Prostate Specific Antigen (PSA); anti-PSA antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1, kappa
Specificity	In sandwich ELISA, reacts with total PSA (free PSA and PSA complexed with ACT)
Purity/Purification	>=90% pure (SDS-PAGE). Protein A chromatography Product is 0.2um filtered.
Form/Format	Purified, Liquid
Concentration	6.86mg/ml (OD280nm, E ¹ % = 14) (varies by lot)
Sequence Length	261
Applicable Applications for anti-PSA antibody	ELISA
Source	Ascites
Immunogen	Purified PSA
Affinity Constant	Not determined
Buffer	PBS, pH 7.4 +/- 0.2
Preservative	0.05% Sodium azide
Warning	This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1 - 1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.
Preparation and Storage	Short term (up to 7 days) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

ADDITIONAL INFORMATION

Related Product Information for anti-PSA antibody	MAb to PSA Monoclonal Antibody to Human Prostate Specific Antigen (PSA)
Product Categories/Family for anti-PSA antibody	Monoclonal Antibodies for Cancer Research

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502173
NCBI GeneID	354
NCBI Accession #	NP_001639.1
NCBI GenBank Nucleotide #	NM_001648.2
UniProt Accession #	P07288; Q16272; Q86TG8; Q15096; Q15098; Q546G3; Q6LDS3; Q8IXI4; Q8NCW4; Q8WTQ8; Q96A30
Molecular Weight	28,741 Da
NCBI Official Full Name	prostate-specific antigen isoform 1 preproprotein
NCBI Official Synonym Full Names	kallikrein-related peptidase 3
NCBI Official Symbol	KLK3
NCBI Official Synonym Symbols	APS; PSA; hK3; KLK2A1
NCBI Protein Information	prostate-specific antigen; seminin; P-30 antigen; kallikrein-3; semenogelase; gamma-seminoprotein; prostate specific antigen
UniProt Protein Name	Prostate-specific antigen
UniProt Gene Name	KLK3
UniProt Synonym Gene Names	APS
UniProt Entry Name	KLK3_HUMAN

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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/prostate-specific-antigen-antibody-elisa/57963>