

Prostate Specific Antigen (PSA) Total Monoclonal Antibody | anti-KLK3 antibody

MAb to PSA, Total

CATALOG # AAA57821	HOST Host: Mouse. Hybridization of Sp2/0 myeloma cells with spleen cells from BALB/c mice.Source: Ascites	APPLICATIONS ELISA
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PRODUCT SYNONYMS

Prostate Specific Antigen (PSA) Total; Monoclonal Antibody; MAb to PSA; Total; Monoclonal Antibody to Prostate Specific Antigen (PSA); anti-KLK3 antibody

PRODUCT SPECIFICATIONS

Host	Host: Mouse. Hybridization of Sp2/0 myeloma cells with spleen cells from BALB/c mice. Source: Ascites
Clonality	Monoclonal
Isotype	IgG2a
Specificity	Prostate Specific Antigen (PSA) Total Specific for total PSA in equimolar determination, epitope 6. No cross-reactivity with human kallikrein 2.
Purity/Purification	>90% pure (SDS-PAGE). Protein A chromatography
Form/Format	HRP, Liquid
Concentration	0.8mg/ml (OD280nm, E ⁰ 0.1% = 1.4) (varies by lot)
Sequence Length	261
Applicable Applications for anti-KLK3 antibody	ELISA
Immunogen	Human PSA antigen purified from seminal plasma
Affinity Constant	Not determined
Buffer	PBS, pH 7.4 containing 5% BSA and 50% glycerol
Preservative	0.05% Proclin TM 300
Important Note	Centrifuge before opening to ensure complete recovery of vial contents.
Warnings	Use of sodium azide as a preservative will substantially inhibit the enzyme activity of horseradish peroxidase.
Preparation and Storage	Store at -20 degree C. Avoid multiple freeze/thaw cycles.

ADDITIONAL INFORMATION

Product Categories/Family for anti-KLK3 antibody	Monoclonal Antibodies for Cancer Research
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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://www.aaabiotech.com/monoclonal/prostate-specific-antigen-psa-total-antibody-elisa/57821>