

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

MAb to PSA, Total

CATALOG # AAA57819	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	IgG1
Specificity	Prostate Specific Antigen (PSA) Total Specific for total PSA in equimolar determination, epitope 3. Cross-reacts 100% with human kallikrein 2.
Purity/Purification	>90% pure (SDS-PAGE). Protein A chromatography
Form/Format	Purified, Liquid
Concentration	9.9mg/ml (OD280nm, E ⁰ .1% = 1.4) (varies by lot)
Sequence Length	261
Applicable Applications for anti-KLK3 antibody	IA (Immunoassay), ELISA
Immunogen	Human PSA antigen purified from seminal plasma.
Affinity Constant	Not determined
Buffer	0.15M Sodium chloride, 10mM Tris, pH 7.5
Preservative	0.05% Sodium azide
Important Note	Centrifuge before opening to ensure complete recovery of vial contents.
Warnings	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	Store at 2 to 8 degree C.

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://stage.aaabiotech.com/monoclonal/prostate-specific-antigen-psa-total-antibody-immunoassay-elisa/57819>