

PSA Monoclonal Antibody | anti-KLK3 antibody

Mouse anti PSA

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA77513	Mouse (Balb/c)	Feline, Human	Western Blot, Immunohistochemistry, Immunohistochemistry, Immunocytochemistry, Flow Cytometry, Functional Assay, ELISA

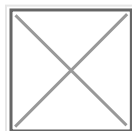
PRODUCT SYNONYMS

PSA; Monoclonal Antibody; Mouse anti PSA; anti-KLK3 antibody

PRODUCT SPECIFICATIONS

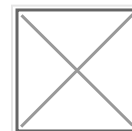
Host	Mouse (Balb/c)
Reactivity	Feline, Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	1A7
Form/Format	Each vial contains 100 ul of 1 mg/ml purified antibody in PBS containing 0.09% sodium azide.
Applicable Applications for anti-KLK3 antibody	WB (Western Blot), IHC (Immunohistochemistry), IHC (Immunohistochemistry), ICC (Immunocytochemistry), FCM/FACS (Flow Cytometry), ELISA
Source Note	1A7 is a Mouse monoclonal IgG1/k antibody derived by fusion of SP2/0-Ag14 Mouse myeloma cells with spleen cells from a Mouse immunized with Human PSA.
Preparation and Storage	Store at 4 degree C, or in small aliquots at -20 degree C.

IMAGES



Application Data

Figure 2: Immunofluorescent staining of LNCaP cells



Application Data

Figure 1: Immunohistochemistry on paraffin section of human prostate

ADDITIONAL INFORMATION

Related Product Information for anti-KLK3 antibody	Prostate-specific antigen (PSA), also known as gamma-seminoprotein or kallikrein-3 (KLK3), is a 33 kDa glycoprotein encoded in Humans by the KLK3 gene. PSA is a member of the kallikrein-related peptidase family and is secreted by the epithelial cells of the prostate gland. PSA is present in small quantities in the Serum of men with healthy prostates, but is often elevated in the presence of prostate cancer or other prostate disorders.
Product Categories/Family for anti-KLK3 antibody	Tumour marker; Cancer

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502173
NCBI GeneID	354

NCBI Accession #	NP_001639.1
NCBI GenBank Nucleotide #	NM_001648.2
UniProt Accession #	P07288; Q15096; Q16272; Q86TG8; Q8IXI4; C9JXH3; G3V0H4; G3XAE3
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; PSA; Semin
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/psa-antibody-clone-1a7-western-blot-immunohistochemistry-immunohistochemistry-immunocytochemistry-flow-cytometry-elisa/77513>