

Mouse anti-Human, Rat Prostate Specific Antigen (PSA) Monoclonal Antibody | anti-PSA antibody

Monoclonal Antibody to Prostate Specific Antigen (PSA)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA152918	Mouse	Human, Rat	Immunoprecipitation, Immunocytochemistry, Immunohistochemistry, Western Blot

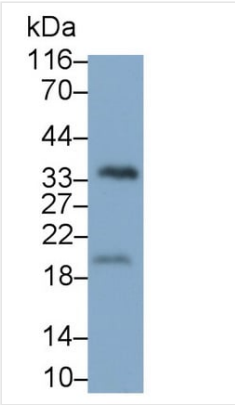
PRODUCT SYNONYMS

Prostate Specific Antigen (PSA); Monoclonal Antibody; Monoclonal Antibody to Prostate Specific Antigen (PSA); Prostate Specific Antigen; KLK3; APS; KLK2A1; HK3; KLKB1; Semin; Kallikrein-Related Peptidase 3; Semenogelase; g-Seminoprotein; P-30 Antigen; Plasma kallikrein; anti-PSA antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Rat
Clonality	Monoclonal
Isotype	IgG1 Kappa
Clone Number	F3
Purity/Purification	Protein A + Protein G affinity chromatography
Form/Format	Liquid; Supplied as solution form in 0.01M PBS, pH7.4, containing 0.05% Proclin-300, 50% glycerol.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-PSA antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Source	Monoclonal antibody preparation
Cross Reactivity	Rat
Immunogen	Recombinant PSA (Pro19~Pro261) expressed in E.coli.
Preparation and Storage	Storage: Avoid repeated freeze/thaw cycles. Store at 4°C for frequent use. Aliquot and store at -20°C for 24 months. Stability Test: The thermal stability is described by the loss rate. The loss rate was determined by accelerated thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious degradation and precipitation were observed. The loss rate is less than 5% within the expiration date under appropriate storage condition.

IMAGES



WB (Western Blot)
Western Blot; Sample: Rat Prostate lysate Primary Ab: 0.2ug/ml Mouse Anti-human IGF1
Antibody Second Ab: 0.2ug/mL HRP-Linked Caprine Anti-Mouse IgG Polyclonal Antibody

ADDITIONAL INFORMATION

Product Categories/Family for anti-PSA antibody	Monoclonal Antibodies (Primary Abs); Monoclonal antibodies; Tumor immunity
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NCBI AND UNIPROT INFORMATION

NCBI GI #	71834853
NCBI GeneID	354
NCBI Accession #	NP_001025218.1
NCBI GenBank Nucleotide #	NM_001030047.1
UniProt Accession #	P07288; Q15096; Q16272; Q86TG8; C9JXH3; G3V0H4; G3XAE3
Molecular Weight	28,741 Da
NCBI Official Full Name	prostate-specific antigen isoform 3 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.