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Anti-free PSA Antibody (1B4A5)

Mouse Monoclonal Antibody
Catalog # ABV12083

Product Information

Application	E
Primary Accession	P07288
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	Mouse IgG1, κ
Clone Names	1B4A5
Calculated MW	28741

Additional Information

Gene ID	354
Positive Control	ELISA
Application & Usage	ELISA Capture: 1-10 □g/ml, ELISA Detection: 0.05-0.2 □g/ml
Other Names	Gamma-seminoprotein, Seminin, Kallikrein-3, P-30 antigen, Semenogelase, APS
Target/Specificity	Prostate-specific antigen
Antibody Form	Liquid
Appearance	Colorless liquid
Reconstitution & Storage	-20 °C
Background Descriptions	
Precautions	Anti-free PSA Antibody (1B4A5) is for research use only and not for use in diagnostic or therapeutic procedures.

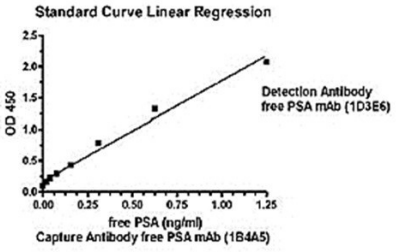
Protein Information

Name	KLK3
Synonyms	APS
Function	Hydrolyzes semenogelin-1 thus leading to the liquefaction of the seminal coagulum.
Cellular Location	Secreted.

Background

Prostate-specific antigen (PSA) is produced by cells of the prostate gland. The PSA level increases in the blood of men who have prostate cancer, benign prostatic hyperplasia, or infection or inflammation of the prostate. It exists in the blood in two forms of free PSA and total PSA (PSA attached to a protein molecule). Free PSA increases more in benign prostatic hypertrophy while total PSA is associated with cancer. When Prostate cancer occurs, PSA often ranges from 2.5 to 10 ng/ml. The free PSA and total PSA are tested simultaneously to identify what kind of prostate problem a man has. Free PSA Antibody is produced from the hybridoma resulting from fusion of SP2/0-Ag14 myeloma and B-lymphocytes obtained from mouse immunized with free PSA protein purified from human seminal fluid

Images



Antibody pairs analysis of free PSA monoclonal antibodies by Sandwich ELISA

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.