

Product datasheet

info@arigobio.com

ARG63090 anti-PSA antibody [A67-B/E3] (Biotin)

Package: 100 μg Store at: 4°C

Summary

Isotype

Product Description Biotin-conjugated Mouse Monoclonal antibody [A67-B/E3] recognizes PSA

Tested Reactivity Hu

Tested Application ELISA, WB

Specificity The clone A67-B/E3 reacts with prostate-specific antigen (PSA), a protein produced by normal prostate

cells. The highest amounts of PSA are found in the seminal fluid.

Host Mouse

Clonality Monoclonal

lgG1

Clone A67-B/E3

Target Name PSA

Species Human

Immunogen 30 KDa protein fraction prepared from human seminal plasma

Conjugation Biotin

Alternate Names Prostate-specific antigen; Gamma-seminoprotein; APS; PSA; EC 3.4.21.77; Kallikrein-3; P-30 antigen;

Semenogelase; hK3; Seminin; KLK2A1

Application Instructions

Application table	Application	Dilution
	ELISA	Assay-dependent
	WB	1:1000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid

Purification Note The purified antibody is conjugated with Biotin-LC-NHS under optimum conditions. The reagent is free

of unconjugated biotin.

Buffer PBS (pH 7.4) and 15 mM Sodium azide

Preservative 15 mM Sodium azide

Concentration 1 mg/ml

Storage instruction Aliquot and store in the dark at 2-8°C. Keep protected from prolonged exposure to light. Avoid

repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be

gently mixed before use.

Bioinformation

Database links <u>GeneID: 354 Human</u>

Swiss-port # P07288 Human

Gene Symbol KLK3

Gene Full Name kallikrein-related peptidase 3

Background Prostate-specific antigen (PSA) is a protein produced by normal prostate cells. This enzyme participates

in the dissolution of the seminal fluid coagulum and plays an important role in fertility. The highest amounts of PSA are found in the seminal fluid; some PSA escapes the prostate and can be found in the serum. This serum component has been used to track the response to therapy in men with prostate

cancer.

ISOBM TD-3 PSA Workshop code: 207

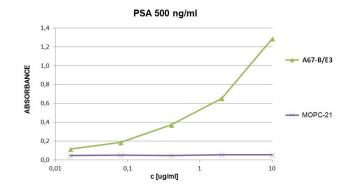
Function Hydrolyzes semenogelin-1 thus leading to the liquefaction of the seminal coagulum. [UniProt]

Research Area Cancer antibody; Controls and Markers antibody; Neuroscience antibody; Signaling Transduction

antibody

Calculated Mw 29 kDa

Images



ARG63090 anti-PSA antibody [A67-B/E3] (Biotin) ELISA image

ELISA: Detection of PSA with ARG63090 anti-PSA antibody [A67-B/E3] (Biotin). Compared with <u>ARG65323</u> Mouse IgG1 Kappa Isotype Control antibody [MOPC-21].