

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

Package: 100 µg
Store at: 4°C

Summary

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
Clone	A67-B/E3
Isotype	IgG1
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; Semin; 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.

Note	For laboratory research only, not for drug, diagnostic or other use.
Bioinformation	
Database links	GeneID: 354 Human Swiss-port # P07288 Human
Gene Symbol	KLK3
Gene Full Name	kallikrein-related peptidase 3
Background	<p>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.</p> <p>ISOBM TD-3 PSA Workshop code: 207</p>
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

