



Specification Sheet

Antibody against Human Prostate Specific Antigen		
Product Name	PSA mAb1-Labeling	
Catalog Number	A53-Ab1	
Lot Number		
Description	Monoclonal antibody to human prostate specific antigen (PSA)	
Product Profile	Immunogen	PSA purified from human seminal fluid
	Specificity	Specific for free PSA and PSA-ACT (PSA-alpha 1-antichymotrypsin) complex. No cross reactivity with human kallikrein and ACT
	Format	Liquid
	Buffer	50 mM NaCl, 20 mM PBS pH 7.4, with 0.1% NaN ₃
	Source/Clone	Mouse ascites / Monoclonal
	Subclass	IgG1
	Purification	Ion-exchange purified
	Purity	>95%
Application	Suitable for use in ELISA or Lateral flow immunoassay (double antibody test for free PSA and total PSA, PSA-ACT detection). Other applications have not been tested but use in such assays should not be excluded.	
Performance review	<ul style="list-style-type: none"> Capable of creating tests with sensitivity of 4 ng/ml or lower. Recommended pair for double antibody immunoassay: Coating: A53-Ab2; labeling: A53-Ab1 	
Store at	2-8°C. For long-term storage, freeze at -20°C.	
Precautions and Disclaimer	This product contains NaN ₃ , which has been classified as Harmful, in European Directive 67/548/EEC in the concentration range of 0.1–1.0%. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent NaN ₃ build-up in drains.	
Note	Centrifuge before opening to ensure complete recovery of vial contents	
FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY, NOT FOR USE IN DIAGNOSTIC PROCEDURES		