



## PRODUCT SPECIFICATION

catalog number:	<b>A45523</b>
product description:	Prostate Specific Antigen (PSA) Monoclonal Antibody
lot number:	[lot specific]
immunogen:	Purified human PSA from seminal fluid
source:	Murine ascites
form:	Liquid
purification method:	Salting-out fractionation using $(\text{NH}_4)_2\text{SO}_4$ and protein A chromatography
buffer:	15mM phosphate, 0.15M NaCl, pH 7.2
preservative:	0.09% $\text{NaN}_3$
isotype:	$\text{IgG}_{2a, \text{kappa}}$
concentration:	[lot specific] mg/mL (based on $A_{280\text{nm}}^{1\%} = 14.0$ )
specificity:	This antibody is specific for both the free and complex form of human prostate specific antigen.
pairing:	This antibody can be used as the capture antibody in a sandwich EIA and paired with A45160 as the detection antibody.
expiration date:	[lot specific]
storage:	2-8°C short term; -70°C long term avoiding multiple freeze thaw cycles.
hazard/biohazard:	This material contains sodium azide as a preservative; take appropriate precaution. There is no known biohazard associated with this product.