



## PRODUCT SPECIFICATION

catalog number:	<b>A45501</b>
product description:	Free Prostate Specific Antigen (fPSA) Monoclonal Antibody, Purified
lot number:	[lot specific]
immunogen:	Purified human PSA
source:	Murine ascites
form:	Liquid
purification method:	DEAE chromatography
purity:	>95% by HPLC and SDS-PAGE
buffer:	0.015M potassium phosphate buffer, 0.85% NaCl, pH 7.2
preservative:	0.05% NaN <sub>3</sub>
isotype:	IgG <sub>1</sub>
concentration:	[lot specific] mg/mL (based on A <sup>1%</sup> <sub>280nm</sub> = 14.0)
specificity:	This antibody is specific for free PSA
cross-reactivity:	This antibody does not react with PSA-ACT, human KLK-3 or ACT.
pairing:	This antibody can be paired with A45001, A45002 or A45007.
applications:	This monoclonal can be used to quantify free PSA in EIA.
storage:	2-8°C short term (1 year); -20°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.