



## PRODUCT SPECIFICATION

catalog number:	<b>A45001</b>
product description:	Prostate Specific Antigen (PSA) 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 both free PSA and PSA-ACT complex proteins.
cross-reactivity:	This antibody does not react with human KLK-3 or ACT.
pairing:	This antibody can be paired with A45006, A45501 or A45524.
applications:	This monoclonal can be used to quantify free PSA (fPSA), total PSA (TPSA) and PSA-ACT 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.