



PRODUCT SPECIFICATION

CATALOG NUMBER: A45500

PRODUCT:	Free Prostate Specific Antigen (Free PSA) Monoclonal Antibody
IMMUNOGEN:	Purified human PSA
FORM:	DEAE column chromatography purified immunoglobulin from mouse ascites
PURITY:	>98% by Gel Electrophoresis
BUFFER:	0.015 M KPO ₄ buffer, 0.85% NaCl, pH 7.40
PRESERVATIVE:	0.1% sodium azide.
AFFINITY CONSTANT:	2 x 10 ¹⁰ l/mol
SUBCLASS:	IgG _{2a}
STORAGE CONDITION:	2-8°C. Precipitation may occur upon repeated freeze/thaw.
CROSS REACTIVITY:	No cross reactivity with Human Albumin, AFP, CEA, PAP, CA 125, CA 19-9, or CA 15-3
PAIRING INFORMATION:	When used for coating, this antibody pairs well with PSA mab #A45510, which is used as conjugate antibody, in a sandwich immunoassay for Free PSA.
HAZARD/BIOHAZARD:	This material contains Sodium Azide as a preservative, take appropriate precautions. There is no known biohazard associated with this product.