

Monoclonal Anti- human prostate specific antigen (PSA)

Specification Sheet

Catalog #:	MP013
Lot #:	1259
Description:	Mab to free PSA and intact PSA
Specificity:	This antibody reacts with free PSA and PSA-ACT (PSA-alpha 1-antichymotrypsin) complex. There is no cross reactivity with human kallikrein and ACT
Clone:	4C3
Host Animal:	Hybridization of P3x63-Ag 9.653 myeloma cells with spleen cells from Balb/c mouse
Isotype:	IgG1
Source:	Mouse ascites
Immunogen:	PSA purified from human seminal fluid
Format:	Purified, liquid
Purification:	DEAE chromatography
Concentration:	4.75 mg/ml (OD280 nm, $E^{0.1\%} = 1.40$)
Affinity Constant:	Not determined
Buffer:	0.015 M potassium phosphate buffer, 0.85% NaCl, 0.05% NaN ₃ , pH7.2
Pairing Assays:	Pairs with MP011, MP012 and MP015
Application:	For PSA quantitative assays by EIA
Purity:	>95% by HPLC and SDS-PAGE
Storage:	2-8° C for 1 year. Long-term store at -20° C

For research use only