

Monoclonal Anti-human prostate specific antigen (PSA)

Specification Sheet

Catalog #:	MP010
Lot #:	D3224
Description:	Mab to free 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:	8C10B10
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:	3.87 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 MP012, MP013, MP014, MP016 and MP017
Application:	For free PSA and total PSA quantitative assays by EIA
Purity:	>95% by HPLC and SDS-PAGE
Storage:	2-8° C for 1 year. Long-term store at -20 ⁰ C

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