

Monoclonal Anti-human free prostate specific antigen (fPSA)

Specification Sheet

Catalog #:	MP014
Lot #:	1282
Description:	Mab to free PSA
Specificity:	This antibody reacts only with free PSA. There is no cross reactivity with PSA-ACT, human kallikrein and ACT.
Clone:	1F5H4
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:	5.11 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 MP010, MP011, MP012, MP013, MP015, MP018 and MP019
Application:	For free 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