

Monoclonal Anti-human IgM

Specification Sheet

Catalog #:	MI043
Lot #:	1361
Description:	Monoclonal Antibody to Human IgM
Specificity:	Human IgM 100% Human IgA 0.000% Human IgE 0.001% Human IgG 0.000%
Clone:	5B42B9
Host Animal:	Hybridization of P3x63-Ag 9.653 myeloma cells with spleen cells from Balb/c mouse
Isotype:	IgG1, kappa light chain
Source:	Mouse ascites
Immunogen:	IgM purified from human serum
Format:	Purified, liquid
Purification:	DEAE chromatography
Concentration:	5.62 mg/mL (OD280 nm, E ^{0.1%} = 1.40)
Affinity Constant:	Not determined
Buffer:	0.015M potassium phosphate buffer, 0.85% NaCl, 0.05% NaN ₃ pH=7.2
Pairing Assays:	Pairs with MI041 and MI042
Purity:	>95% by HPLC and SDS-PAGE
Application:	Human IgM quantitative assays by EIA
Storage:	2-8°C for 1 year; -20°C for long term.

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