

## Monoclonal Anti-human IgM

### Specification Sheet

<b>Catalog #:</b>	MI043
<b>Lot #:</b>	1242
<b>Description:</b>	Monoclonal Antibody to Human IgM
<b>Specificity:</b>	Human IgM                    100% Human IgA                    0.000% Human IgE                    0.001% Human IgG                    0.000%
<b>Clone:</b>	5B42B9
<b>Host Animal:</b>	Hybridization of P3x63-Ag 9.653 myeloma cells with spleen cells from Balb/c mouse
<b>Isotype:</b>	IgG1, kappa light chain
<b>Source:</b>	Mouse ascites
<b>Immunogen:</b>	IgM purified from human serum
<b>Format:</b>	Purified, liquid
<b>Purification:</b>	DEAE chromatography
<b>Concentration:</b>	2.31 mg/mL (OD280 nm, E <sup>0.1%</sup> = 1.40)
<b>Affinity Constant:</b>	Not determined
<b>Buffer:</b>	0.015M potassium phosphate buffer, 0.85% NaCl, 0.05% NaN <sub>3</sub> pH=7.2
<b>Pairing Assays:</b>	Pairs with MI041 and MI042
<b>Purity:</b>	>95% by HPLC and SDS-PAGE
<b>Application:</b>	Human IgM quantitative assays by EIA
<b>Storage:</b>	2-8°C for 1 year; -20°C for long term.

**For research use only**