

Life Diagnostics, Inc.

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Anti-Monkey IgM Monoclonal Clone 7E8-1-13

Catalog No.	7E8-1-13
Description	Anti-Monkey IgM Fc (Mouse IgG1k) Purified by hydroxyapatite chromatography from serum-free culture medium
KD	<1 x 10 ⁻⁹ M (Determined using an Octet QK™ in a buffer of 150 mM NaCl, 10 mM sodium phosphate, pH 7.2 and 7% w/v BSA, using biotin-IgM as ligand)
Purity	~90% by SDS PAGE
Protein	>0.5 mg/ml (E1% at 280 nm = 14.0)
Applications	ELISA (due to the multivalent nature of IgM, this antibody can be paired with itself for capture and detection)
Buffer	10 mM Sodium Phosphate, 150 mM NaCl, pH 7.2, 0.10% NaN ₃
Storage	2-8°C (short term), -20°C or lower (long term)
Immunogen	IgM Fc (human)

Comments: This antibody recognizes human IgM, baboon IgM and IgM from the following monkeys: Rhesus, Cynomolgus, Capuchin and Squirrel. It does not recognize African Green monkey IgM. Other species have not been tested. No reactivity is observed with monkey IgG or IgA. Human IgM can be used as standard in immunoassays for IgM from all reactive species listed above.

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