

Life Diagnostics, Inc.

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Polyethylene Glycol (PEG) Monoclonal Clone 10E3-1-4

Catalog No.	10E3-1-4
Description	Mouse anti-PEG IgG1k Purified by Protein-G affinity chromatography from serum-free culture medium
KD	3.7 x 10 ⁻⁸ M (Determined using an Octet QK™ in a buffer of 1M NaCl, 5 mM Tris.Cl, pH 7.4, 0.1% NaN ₃ , 7% w/v BSA, using biotin-20 kDa mPEG as ligand)
Purity	>95% by SDS PAGE
Protein	1 - 5 mg/ml (E1% at 280 nm = 14.0)
Applications	Direct & Sandwich ELISA, Western Blot
Buffer	10 mM Sodium Phosphate, 150 mM NaCl, pH 7.2, 0.10% NaN ₃
Storage	2-8°C
Immunogen	mPEG-Ovalbumin

Comments: This antibody recognizes the PEG polymer chain, not the terminal methoxy group. It will recognize both methoxy-PEG and non-methoxy PEG. It recognizes PEG's with a molecular weight of 550 or greater in indirect ELISA. Studies at LDI indicate it can be used as coating antibody in sandwich ELISA when paired with monoclonal 10B4-2 as detection antibody.

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