

Life Diagnostics, Inc.

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Polyethylene Glycol (PEG) Monoclonal Clone 9B5-6-25-7

Catalog No.	9B5-6-25-7
Description	Mouse anti-PEG IgG1k Purified by Protein-G affinity chromatography from serum-free culture medium
KD	1.8 x 10 ⁻⁹ 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	0.5 - 5 mg/ml (E1% at 280 nm = 14.0)
Applications	Indirect 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. Buffers containing zwitterionic detergents such as CHAPS (including our buffers PEGD50-1 and PEGW50-20) interfere with binding of 9B5-6-25-7 to PEG and PEGylated proteins. We recommend using TBS buffer, pH 7.4.

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