

Life Diagnostics, Inc.

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Rabbit Anti-Polyethylene Glycol (PEG)

Catalog No.	PEGPAB-01
Description	Rabbit anti-PEG IgG. Purified by affinity chromatography on non-methoxy PEG agarose and ion-exchange chromatography.
Purity	>90% by SDS PAGE
Protein	0.5 - 5 mg/ml (E1% at 280 nm = 14.0)
Applications	ELISA, Western Blot
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 (avoid repeated freeze-thaws)
Immunogen	mPEGylated 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 direct ELISA and western blot assays. Studies at LDI indicate that it pairs well, as a detection antibody, when used with monoclonals 3F12-1 and 10E3-1-4 as coating antibodies. It can be efficiently conjugated to alkaline phosphatase using glutaraldehyde.

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