



PRODUCT SPECIFICATION

catalog number:	A02040
product description:	Polyethylene Glycol (PEG) Monoclonal Antibody, Purified
lot number:	[lot specific]
immunogen:	mPEG-Ovalbumin
source:	Murine, serum-free culture medium
form:	Liquid
purification method:	Protein G chromatography
purity:	>95% by SDS-PAGE
buffer:	10mM sodium phosphate, 150mM NaCl, pH 7.2
preservative:	0.1% NaN ₃
isotype:	IgG ₁ , kappa
concentration:	[lot specific] mg/mL (based on A ^{1%} _{280nm} = 14.0)
affinity constant:	3.7 x 10 ⁻⁸ M
specificity:	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.
pairing:	This antibody can be used in sandwich ELISA as the capture antibody in conjunction with A02030 (as the detection antibody).
storage:	2-8°C
hazard/biohazard:	This material contains sodium azide as a preservative; take appropriate precaution. There is no known biohazard associated with this product.