



PRODUCT SPECIFICATION

catalog number:	A35201												
product description:	Intact & Beta hCG Monoclonal Antibody, Purified												
lot number:	[lot specific]												
immunogen:	Purified human beta-hCG												
source:	Murine ascites												
form:	Liquid												
purification method:	DEAE chromatography												
purity:	>95% by HPLC and SDS-PAGE												
buffer:	0.015 M potassium phosphate buffer, 0.85% NaCl, pH 7.2												
preservative:	0.05% NaN ₃												
isotype:	IgG _{1, kappa}												
concentration:	[lot specific] mg/mL (based on A ^{1%} _{280nm} = 14.0)												
specificity:	Specific for both the beta subunit and the intact form of hCG												
cross-reactivity:	<table><tr><td>▪ hCG</td><td>100%</td><td>▪ LH</td><td>0.01%</td></tr><tr><td>▪ beta-hCG</td><td>121%</td><td>▪ FSH</td><td>0.01%</td></tr><tr><td>▪ alpha-hCG</td><td>0.0%</td><td>▪ TSH</td><td>0.002%</td></tr></table>	▪ hCG	100%	▪ LH	0.01%	▪ beta-hCG	121%	▪ FSH	0.01%	▪ alpha-hCG	0.0%	▪ TSH	0.002%
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▪ beta-hCG	121%	▪ FSH	0.01%										
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pairing:	This antibody can be paired with A18081503P												
applications:	Quantitative hCG EIA												
storage:	2-8°C short term (2 years); -20°C long term avoiding multiple freeze thaw cycles.												
hazard/biohazard:	This material contains sodium azide as a preservative; take appropriate precaution. There is no known biohazard associated with this product.												