



## PRODUCT SPECIFICATION

catalog number:	<b>A18081</b>												
product description:	Alpha hCG Monoclonal Antibody, Purified												
lot number:	[lot specific]												
immunogen:	Purified 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 <sub>3</sub>												
isotype:	IgG <sub>1, kappa</sub>												
concentration:	[lot specific] mg/mL (based on A <sup>1%</sup> <sub>280nm</sub> = 14.0)												
cross-reactivity:	<table><tr><td>▪ alpha-hCG</td><td>100%</td><td>▪ LH</td><td>48%</td></tr><tr><td>▪ hCG</td><td>80%</td><td>▪ TSH</td><td>65%</td></tr><tr><td>▪ beta-hCG</td><td>0.0%</td><td>▪ TSH</td><td>98%</td></tr></table>	▪ alpha-hCG	100%	▪ LH	48%	▪ hCG	80%	▪ TSH	65%	▪ beta-hCG	0.0%	▪ TSH	98%
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▪ hCG	80%	▪ TSH	65%										
▪ beta-hCG	0.0%	▪ TSH	98%										
pairing:	This antibody can be paired with hCG monoclonals A35201, A35202 and A35203.												
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.												