



PRODUCT SPECIFICATION

catalog number:	A34023												
product description:	Lactoferrin Monoclonal Antibody												
lot number:	[lot specific]												
immunogen:	Human lactoferrin												
source:	Murine ascites												
form:	Liquid												
purification method:	DEAE chromatography												
purity:	>95% by HPLC and SDS-PAGE												
buffer:	0.015 M potassium phosphate, 0.85% NaCl, pH 7.2												
preservative:	0.05% NaN ₃												
isotype:	IgG ₁												
concentration:	[lot specific] mg/mL (OD280 nm, E ^{0.1%} = 1.40)												
cross reactivity:	<table><tr><td>human lactoferrin</td><td>100%</td><td>bovine lactoferrin</td><td>0%</td></tr><tr><td>human ferritin</td><td>0%</td><td>human transferrin</td><td>0%</td></tr><tr><td>human hemoglobin</td><td>0%</td><td></td><td></td></tr></table>	human lactoferrin	100%	bovine lactoferrin	0%	human ferritin	0%	human transferrin	0%	human hemoglobin	0%		
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human ferritin	0%	human transferrin	0%										
human hemoglobin	0%												
pairing:	This antibody can be used in sandwich ELISA as the conjugate antibody in conjunction with A34021503P, and A34022503P												
storage:	2-8°C short term (1 year); -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.												