



Specification Sheet

Antibody against human Sperm		
Product Name	Sperm mAb1	
Catalog Number	A05-Ab1	
Lot Number		
Description	Monoclonal antibody to Human Sperm	
Product Profile	Specificity	Specific for Human Specific Sperm Surface Protein
	Format	Purified / Liquid
	Buffer	50 mM NaCl, 20 mM PBS pH 7.4, with 0.1% NaN ₃
	Source/Clone	Mouse ascites / Monoclonal
	Subclass	IgG1
	Purification	Ion-exchange purified
	Concentration	
Purity	>95%	
Application	Suitable for use in ELISA or Lateral flow immunoassay (double antibody test for Sperm density detection). Other applications have not been tested but use in such assays should not be excluded.	
Performance review	<ul style="list-style-type: none"> • Excellent for Sperm density test at required cut-off concentration of 1.5 x10⁷ /ml or lower. • No cross reaction with other protein in semen. • Recommended pair for double antibody immunoassay: Coating: A05-Ab2; labeling: A05-Ab1 	
Store at	2-8°C. For long-term storage, freeze at -20°C.	
Precautions and Disclaimer	This product contains NaN ₃ , which has been classified as Harmful, in European Directive 67/548/EEC in the concentration range of 0.1–1.0%. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent NaN ₃ build-up in drains.	
Note	Centrifuge before opening to ensure complete recovery of vial contents	
FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY, NOT FOR USE IN DIAGNOSTIC PRODEDURES		