



Specification Sheet

Antibody against <i>Streptococcus agalactiae</i> (Group B Streptococcus)		
Product Name	SA-B mAb1	
Catalog Number	A72-Ab1	
Lot Number		
Description	Monoclonal antibody to <i>Streptococcus agalactiae</i> (Group B Streptococcus)	
Product Profile	Immunogen	<i>Streptococcus agalactiae</i> B isolated from infected tilapia
	Specificity	Specific for surface antigen of <i>Streptococcus agalactiae</i> with no cross reactivity with other common fish pathogenic bacteria such as <i>Aeromonas hydrophila</i> and <i>Streptococcus iniae</i> .
	Format	Liquid
	Buffer	50 mM NaCl, 20 mM PBS pH 7.4, with 0.1% NaN ₃
	Source/Clone	Mouse ascites / Monoclonal
	Subclass	IgG1
	Purification	Protein A affinity chromatography purified
	Concentration	
Purity	>95%	
Application	Suitable for use in ELISA or Lateral flow immunoassay (double antibody test for <i>Streptococcus agalactiae</i> detection) as well as in Western Blot. Other applications have not been tested but use in such assays should not be excluded.	
Performance review	<ul style="list-style-type: none"> Capable of creating tests with sensitivity at 10⁵ cfu/ml or lower Recommended pair for double antibody immunoassay: Coating: A72-Ab2; labeling: A72-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 PROCEDURES		