



Antibody against Phytase		
Product Name	Phytase mAb4	
Catalog Number	A83-Ab4	
Lot Number		
Description	Monoclonal antibody to Phytase	
Product Profile	Immunogen	Recombinant phytase from <i>Asperillus Niger</i> (expressed in <i>Pichis Pastoris</i>)
	Specificity	Specific for phytase of <i>Aspergillus Niger</i> from <i>Pichis Pastoris</i> Specific for phytase of <i>Asperigullus ficuum</i> NRRL3135 from <i>Pichis Pastoris</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 phytase detection). Other applications have not been tested but use in such assays should not be excluded.	
Performance review	<ul style="list-style-type: none"> • great activity for highly glycosylated phytase from <i>Pichis pastoris</i> (compare to A83-Ab1 and A83-Ab2) • Capable of creating tests with sensitivity of 2 ng/ml or lower. • No cross reaction with phytase originated from plant • Recommended pair for double antibody immunoassay: Coating: A83-Ab4; labeling: A83-Ab3 	
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		

Specification Sheet