



Antibody against Phytase		
Product Name		Phytase mAb1
Catalog Number		A83-Ab1
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>Aspergullus Niger</i> in GMO plant (corn, etc) Specific for phytase of <i>Asperiguuls ficuum NRRL3135</i> in GMO plant (corn, etc)
	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) 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"> Great activity for less glycosylated <i>Aspergullus Niger</i> phytase from GMO plant (compare to A83-Ab3 and A83-Ab4) Capable of creating tests with sensitivity of 2 ng/ml or lower. No cross reaction with phytase original from plant Recommended pair for double antibody immunoassay: Coating: A83-Ab2; labeling: A83-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		

Specification Sheet