



## Specification Sheet

Antibody against neomycin phosphotransferase type II		
Product Name	NPT II mAb1	
Catalog Number	A87-Ab1	
Lot Number		
Description	Monoclonal antibody to neomycin phosphotransferase type II (NPT II) ( kanamycin and neomycin resistance)	
Product Profile	Immunogen	Recombinant neomycin phosphotransferase type II from <i>E. Coli</i> ; Accession No (Genbank): AAF65403
	Specificity	Specific for neomycin phosphotransferase type II in GMO plant Specific for neomycin phosphotransferase type II in E. Coli
	Format	Liquid
	Buffer	50 mM NaCl, 20 mM PBS pH 7.4, with 0.1% NaN <sub>3</sub>
	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 NPT II 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"> <li>Great activity for NPT II in GMO plant, recombinant NPT II as well as NPT II in <i>E.Coli</i></li> <li>Capable of creating tests with sensitivity of 20 ng/ml NPT II.</li> <li>Recommended pair for double antibody immunoassay: Coating: A87-Ab2; labeling: A87-Ab1</li> </ul>	
Store at	2-8°C. For long-term storage, freeze at -20°C.	
Precautions and Disclaimer	This product contains NaN <sub>3</sub> , 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 <sub>3</sub> build-up in drains.	
Note	Centrifuge before opening to ensure complete recovery of vial contents	
<b>FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY, NOT FOR USE IN DIAGNOSTIC PRODEDURES</b>		

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