



Specification Sheet

Antibody against hygromycin phosphotransferase		
Product Name	HPT mAb4	
Catalog Number	A85-Ab4	
Lot Number		
Description	Monoclonal antibody to hygromycin phosphotransferase (HPT)	
Product Profile	Immunogen	Recombinant hygromycin phosphotransferase from <i>E. Coli</i> ; Accession No (Genbank) AAA92252
	Specificity	Specific for hygromycin phosphotransferase in GMO plant Specific for hygromycin phosphotransferase in <i>E. Coli</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 HPT 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 HPT in GMO plant, recombinant HPT as well as HPT in <i>E.Coli</i> Capable of creating tests with sensitivity of 20 ng/ml HPT. 	
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	
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