



Specification Sheet

Antibody against IrrE Protein		
Product Name		IrrE mAb1
Catalog Number		A86-Ab1
Lot Number		
Description		Monoclonal antibody to IrrE protein from <i>Deinococcus radiodurans</i> ,
Product Profile	Immunogen	Recombinant IrrE protein from <i>Deinococcus radiodurans</i> ,
	Specificity	Specific for IrrE in GMO plant Specific for IrrE from <i>Deinococcus radiodurans</i>
	Format	Liquid
	Buffer	50 mM NaCl, 20 mM PBS pH 7.4, with 0.1% NaN ₃
	Source/Clone	Mouse ascites / Monoclonal
	Subclass	IgG2a
	Purification	Protein A affinity chromatography purified
	Concentration	
	Purity	>95%
Application		Suitable for use in ELISA or Lateral flow immunoassay (double antibody test for IrrE protein 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 IRRE in GMO plant, recombinant IrrE as well as IrrE protein in <i>Deinococcus radiodurans</i>Capable of creating tests with sensitivity of 10 ng/ml IrrE protein or 1% (1 GMO IRRE seed in 100 Non-GMO seeds)Recommended pair for double antibody immunoassay: Coating: A86-Ab2; labeling: A86-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		