



## Specification Sheet

Antibody against BT Cry 1Ab/Ac		
Product Name		BT Cry 1Ab/Ac mAb4
Catalog Number		A80-Ab4
Lot Number		
Description		Monoclonal antibody to <i>Bacillus Thuringiensis</i> (BT) crystal (Cry) protein 1Ab and 1Ac
Product Profile	Immunogen	<i>Bacillus Thuringiensis</i> crystal proteins 1Ab
	Specificity	Specific for BT Cry 1Ab/1Ac in GMO plant (corn, etc) Specific for Cry 1Ab/Ac in <i>Bacillus Thuringiensis</i> bacteria
	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 BT Cry 1Ab/Ac 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 BT Cry 1Ab/Ac from all kind of BT GMO plant (compare to A80-Ab1 and A80-Ab2, which is not reactive to some type of BT Corn)</li><li>• Capable of creating tests with sensitivity of 2 ng/ml or 0.1% (1 BT GMO seed in 1000 Non-GMO seed).</li><li>• Recommended pair for double antibody immunoassay: Coating: A80-Ab4; labeling: A80-Ab3</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
FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY, NOT FOR USE IN DIAGNOSTIC PRODEDURES		

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