



## Specification Sheet

Antibody against BT Cry 1Ab/Ac		
Product Name	BT Cry 1Ab/Ac mAb2	
Catalog Number	A80-Ab2	
Lot Number		
Description	Monoclonal antibody to <i>Bacillus Thuringiensis</i> (BT) crystal (Cry) protein 1Ab and1Ac	
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-Ab3 and A80-Ab4, 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-Ab2; labeling: A80-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>		