

## Bt Cry1Ac Antibody (C3A2B)

### Background

Cry1Ac protoxin is a crystal protein produced by the bacterium *Bacillus thuringiensis* (Bt). Cry1Ac is one of the delta endotoxins produced by this bacterium which act as insecticides. Because of this, the genes for these proteins have been introduced into commercially important crops by genetic engineering in order to confer pest resistance on those plants. Transgenic Bt cotton, Corn etc expressed a Bt gene, which codes for Cry1Ac. The Bt Cry1Ac antibody is used to detect Cry1Ac protein expression in GMO Crops, Food etc. It is also used to develop ELISA, Dipstick, WB for research and testing purpose.

### Product Details

<b>Catalog number</b>	MABC32B
<b>Size</b>	50µl
<b>Raised in</b>	Mouse
<b>Clone</b>	C3A2B
<b>Clonality</b>	Monoclonal
<b>Conjugate / Tag</b>	HRP
<b>Purity</b>	Purified by Protein A affinity chromatography
<b>Form</b>	Liquid
<b>Buffer</b>	Sodium carbonate-bicarbonate buffer (pH 9.4). BSA-10mg/ml, 50% glycerol.
<b>Immunogen</b>	Bt Cry1Ac antibody was raised in Mouse using Bt Cry1Ac isolated from <i>Bacillus thuringiensis</i> as the Immunogen.
<b>Applications</b>	ELISA, Dipstick, ImmunoPCR, WB.
<b>Usage recommendations</b>	ELISA- 1:5K
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.