

Bt Cry1Ac Antibody (C3F8H4)

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

Catalog number	MABC3H4
Size	50µl
Raised in	Mouse
Clone	C3F8H4
Clonality	Monoclonal
Conjugate / Tag	HRP
Purity	Purified by Protein A affinity chromatography
Form	Liquid
Buffer	Phosphate buffered saline (pH 7.3). BSA-10mg/ml, 50% glycerol.
Immunogen	Bt Cry1Ac antibody was raised in Mouse using Bt Cry1Ac isolated from <i>Bacillus thuringiensis</i> as the Immunogen.
Applications	ELISA, Dipstick, ImmunoPCR, WB.
Usage recommendations	ELISA- 1:5K
Storage	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.