

## CERTIFICATE OF ANALYSIS

**Important Note:** Centrifuge before opening to ensure complete recovery of vial contents.

**Catalog #:** F01268M **Lot #:** 5A01321

**Description:** MAb to Bt Cry1Ab / Cry1Ac  
Monoclonal Antibody to *Bacillus thuringiensis* (Bt) Cry1Ab / Cry1Ac

**Specificity:** *Bacillus thuringiensis* (Bt) Cry1Ab / Cry1Ac in GMO plant.  
*Bacillus thuringiensis* (Bt) Cry1Ab / Cry1Ac in *Bacillus thuringiensis* bacteria.

**Host Animal:** Mouse **Isotype:** IgG<sub>1</sub>

**Immunogen:** *Bacillus thuringiensis* crystal proteins Cry1Ab.

**Source:** Ascites

**Format:** Purified, Liquid

**Purification:** ≥ 95% pure (SDS-PAGE). Protein A Chromatography

**Concentration:** 7 mg/mL (OD280nm, E<sup>1%</sup> = 1.3)

**Buffer:** 20 mM Phosphate Buffered Saline, 50 mM Sodium Chloride, pH 7.4.

**Preservative:** 0.1% Sodium Azide

**Applications:** Suitable for use in ELISA, Lateral Flow and Western Blot assays. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Recommended antibody pair for ELISA and Lateral Flow sandwich assays:

<u>Capture</u>	<u>Detection</u>
F01269M	F01268M

**Storage:** Short term (up to 7 days) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

**Safety Note(s):** Refer to the appropriate Safety Data Sheet (SDS) for additional information.

Quality Signature: 

10 FEB 2021

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**