

# Anti-MsAPN1 [2B3.H4]

**Catalogue number:** 153918

**Sub-type:**

**Images:**

## Contributor

**Inventor:** Michael Adang

**Institute:** University of Georgia

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-MsAPN1 [2B3.H4]

**Alternate name:** APN

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** CryIA(c) delta-endotoxin is a member of the C4 I family of *Bacillus thuringiensis* insecticidal proteins that specifically recognize and bind with high affinity to target proteins (Aminopeptidase-N (APN1) and alkaline phosphatase (ALP) proteins) in the midgut of susceptible insects such as *Manduca sexta* or Carolina sphinx moth.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:**

**Reactivity:**

**Selectivity:**

**Host:** Mouse

**Immunogen:** 120 kDA CryIA(c) aminopeptidase from *M. sexta* gut

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** Manduca sexta Cry1Ac Aminopeptidase

**Target alternate names:**

**Target background:** CryIA(c) delta-endotoxin is a member of the C4 I family of *Bacillus thuringiensis* insecticidal proteins that specifically recognize and bind with high affinity to target proteins (Aminopeptidase-N (APN1) and alkaline phosphatase (ALP) proteins) in the midgut of susceptible insects such as *Manduca sexta* or Carolina sphinx moth.

**Molecular weight:**

**Ic50:**

## Applications

**Application:**

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:**

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:**

**Storage conditions:**

**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:**

# References

References:

CancerTools.org