

# Anti-AcMNPV GP64 antibody



Catalog Number: 105347

## Product name

Anti-AcMNPV GP64 antibody

## Specificity

AcmNPV Envelope glycoprotein gp64 / AcmNPV-gp64

## Antibody description

Mouse monoclonal to AcMNPV GP64

## Preparation

Produced in mouse immunized with recombinant baculovirus (autographa californica nucleopolyhedrovirus). The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.

## Formulation

0.2  $\mu$ m filtered solution in PBS

## Storage

This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%). It is toxic to cells and should be disposed of properly. Avoid repeated freeze-thaw cycles.

## Clonality

Monoclonal

## Ig Type

Mouse IgG1

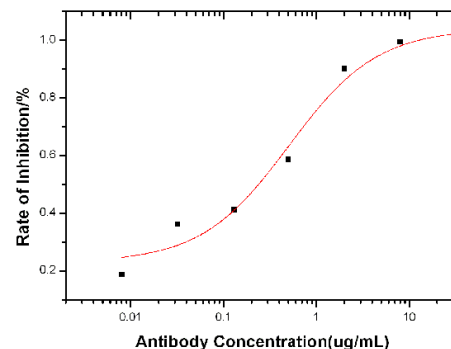
## Applications

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## Dilutions

**Block** - This Erbb3 neutralizing antibody can block the binding of recombinant human NRG1-beta 1 Protein to its recombinant receptor Erbb3. **Neutralization** - The neutralization activity of Erbb3 neutralizing antibody is Measured by its ability to neutralize NRG1 $\beta$ 1/HRG1 $\beta$ 1 induced proliferation in the MCF7 human breast cancer cell line. Recombinant Human NRG1 $\beta$ 1/HRG1 $\beta$ 1 stimulates proliferation in the MCF7 human breast cancer cell line. Proliferation elicited by Recombinant Human NRG1 $\beta$ 1/HRG1 $\beta$ 1 (40 ng/mL) is neutralized by increasing concentrations of Human ErbB3/Her3 Monoclonal Antibody.

## Validations



AcmNPV Envelope glycoprotein gp64 / AcmNPV-gp64 Neutralizing Antibody

**AcmNPV Envelope glycoprotein gp64 antibody neutralization activity is Measured by microneutralization assay in vitro.** The virus microneutralization (MN) test was performed on SF9 cells infected with 1e7 pfu/mL recombinant baculovirus (autographa californica nucleopolyhedrovirus) under treatment of serial dilutions of neutralizing antibody. The infection was neutralized by increasing concentrations of AcmNPV gp64 Monoclonal Antibody (Catalog 40496-M001). The IC50 is typically 0.25-1.0  $\mu$ g/mL. Rate of inhibition was determined by comparing the fluorescence intensity of reporter in the presence and absence of antibodies.