

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 μ 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

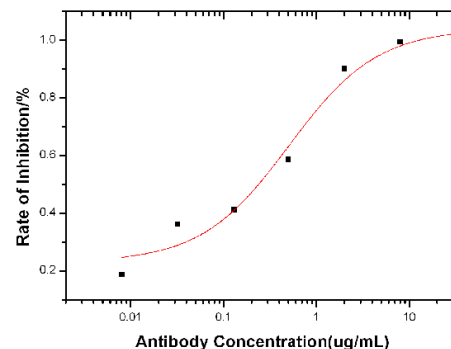
Applications

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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 β 1/HRG1 β 1 induced proliferation in the MCF7 human breast cancer cell line. Recombinant Human NRG1 β 1/HRG1 β 1 stimulates proliferation in the MCF7 human breast cancer cell line. Proliferation elicited by Recombinant Human NRG1 β 1/HRG1 β 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 μ g/mL. Rate of inhibition was determined by comparing the fluorescence intensity of reporter in the presence and absence of antibodies.