

Anti-Enterovirus 71 VP1 antibody



Catalog Number: 100326

Product name

Anti-Enterovirus 71 VP1 antibody

Specificity

EV Enterovirus 71 VP4

Has cross-reactivity with EV71 genogroup C and A in cell assay

No cross-reactivity with Coxsackievirus type A16 in cell assay

Antibody description

Mouse monoclonal to Enterovirus 71 VP1

Preparation

This antibody was obtained from a mouse immunized with a peptide (GSQVSTQRSGSHENSNSATEK)-KLH conjugate.

Formulation

0.2 µm 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

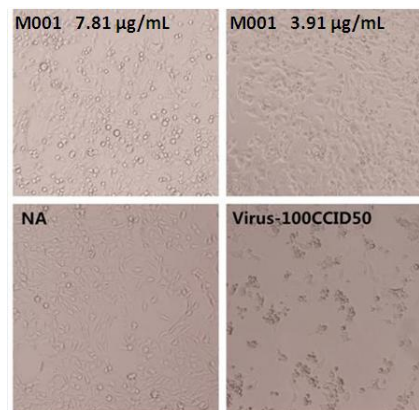
Applications

MN

Dilutions

Microneutralization (MN) - The EV71 VP4 protein neutralization activity of antibody is measured by microneutralization assay in vitro. The Neutralization titer (IC₅₀) is typically 6.25 µg/ml with EV71 genogroup C4 (100CCID₅₀).

Validations



Enterovirus 71 VP4 Neutralizing Antibody

The neutralization activity of EV71 VP4 Neutralizing Antibody is measured by Microneutralization test in vitro. The cytopathic effect of RD cells (10E⁵/well) induced by 100CCID₅₀ EV71 genogroup C4 is neutralized by increasing concentrations of anti EV71 Monoclonal Antibody (Catalog EV71 M001). The IC₅₀ is typically 4-8 µg/mL. NA: No antibody added.