Anti-Enterovirus 71 VP1 antibody

Catalog Number: 100295



Product name

Anti-Enterovirus 71 VP1 antibody

Specificity

EV Enterovirus 71 VP1

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

No cross-reactivity with Coxsackievirus type A16 in cell assay

Antibody description

monoclonal to Enterovirus 71 VP1

Preparation

This antibody was obtained from human B cells by single-cell reverse transcription polymerase chain reaction (RT-PCR).

Formulation

 $0.2 \mu m$ filtered solution in PBS

Storage

This antibody can be stored at $2^{\circ}\text{C-8}^{\circ}\text{C}$ 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

Human IgG1 (from single cell PCR)

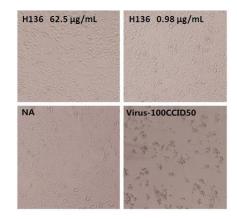
Applications

MN

Dilutions

Microneutralization (MN) - The EV71 VP1 protein neutralization activity of antibody is Measured by microneutralization assay in vitro. The Neutralization titer (IC50) is typically 0.9766 μg/mL with EV71 genogroup C4 (100CCID50).

Validations



Enterovirus 71 VP1 Neutralizing Antibody

The neutralization activity of EV71 VP1 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-H136). The IC50 is typically 0.7-1.3 µg/mL. NA: No antibody added.