Enterovirus 71 VP1 Neutralizing Antibody

Catalog Number: 40013-H136

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

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

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.

Applications
Microneutralization (MN) - The EV71 VP1 antibody neutralization activity is Measured by microneutralization assay in vitro. The Neutralization titer (IC50) is typically 0.9766 µg/mL with EV71 genogroup C4 (100CCD50).

![Image of antibody activity](image1)

The neutralization activity of EV71 VP1 protein Neutralizing Antibody is Measured by Microneutralization test in vitro. The cytopathic effect of RD cells (10E5/well) induced by 100CCD50 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.