Anti-Enterovirus 71 VP1 antibody

Catalog Number: 100326



Product name

Anti-Enterovirus 71 VP1 antibody

Specificity

EV Enterovirus 71 VP4

 ${\it Has\ cross-reactivity}$ 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

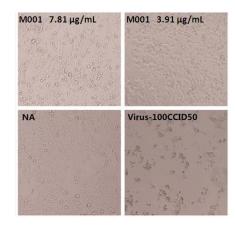
Applications

MN

Dilutions

Microneutralizaiton (MN) - The EV71 VP4 protein neutralization activity of antibody is Measured by microneutralization assay in vitro. The Neutralization titer (IC50) is typically $6.25~\mu g/ml$ 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.