

Enterovirus 71 VP4 Neutralizing Antibody



Sino Biological
Biological Solution Specialist

Catalog Number: 40013-M001

General Information	
Immunogen:	peptide (GSQVSTQRSGSHENSNSATEK)-KLH conjugate
Clone ID:	M001
Ig Type:	Mouse IgG1
Applications:	Microneutralization (MN)
Specificity:	EV Enterovirus 71 VP4
Formulation:	0.2 µm filtered solution in PBS
Storage:	< -20°C

Preparation

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

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

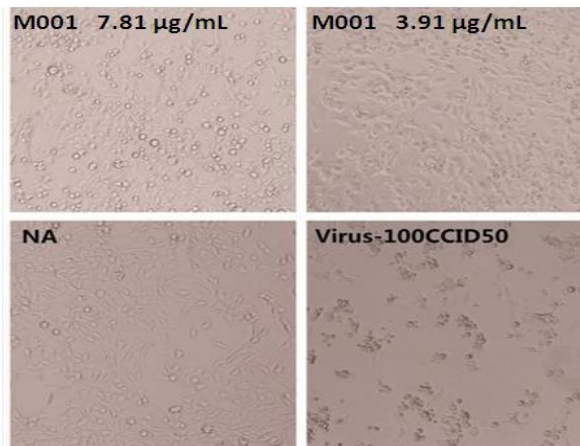
Storage

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



The neutralization activity of EV71 VP4 protein 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.