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Anti-Enterovirus 71, Clone 22A12

(mouse monoclonal IgG)

Catalog # 05-0001

Lot # 100008

Immunogen: Synthetic peptide corresponding to a.a 208–222 of Capsid Protein VP1 of Enterovirus 71.

Specificity: Recognizes human VP1 of EV71 virus, M.W. ~30 kDa.

Species Cross-reactivity: Not determined

Formulation: 0.2mg of mouse monoclonal IgG in 0.2ml of 0.01M Tris-HCl, pH 8.0, 0.15M NaCl, 0.02% sodium azide. Protein was determined by OD280 absorbance.

Physical State: Frozen liquid.

Storage: Store the product at -20 °C . Product is stable for about 6 weeks at 2-8 °C as an undiluted liquid. Prepare working dilution fresh each day. Avoid repeated freezing and thawing.

FOR IN VITRO RESEARCH USE ONLY
NOT FOR USE IN HUMANS

Research Applications



Neutralization: 10~50µg/ml.

ELISA: 0.5~2µg/ml. Recommend to be used as capturing antibody for sandwich immunoassay

Immunoblot Analysis: 0.1~2µg/ml.

Immunocytochemistry: 2~10µg/ml.

Reference:

Li X, Mao C, Ma S, Wang X, Sun Z, Yi Y, Guo M, Shen X, Sun L, Bi S. "Generation of neutralizing monoclonal antibodies against Enterovirus 71 using synthetic peptides." (2009) BBRC Oct. 1.