Enterovirus 71 VP1 antibody [GT9512]

Cat. No. GTX633583

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Applications	WB, ELISA, Sandwich ELISA
Reactivity	Enterovirus 71

Package
100 µl, 25 µl

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500-1:3000
ELISA	Assay dependent
Sandwich ELISA	Assay dependent
Note : Capture: GTX633583, Detection: GTX644808 / GTX637688 / GTX132338 / GTX132339 / GTX132600.	

Not tested in other applications.

Product Note	This antibody is specific for EV71 VP1 protein and does not cross react with EV-D68 VP1 protein.

Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	1.11 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Carrier-protein conjugated synthetic peptide encompassing a sequence within the center region of Enterovirus 71 VP1 (EV71 virus (strain USA/BrCr/1970)). The exact sequence is proprietary.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

For full product information, images and publications, please visit our website.

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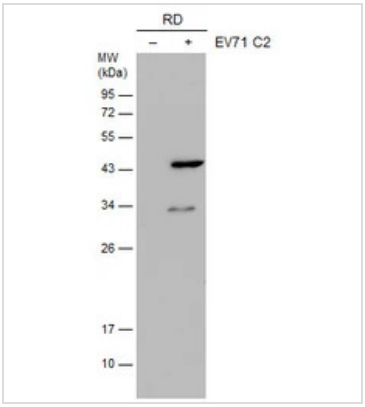
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Note

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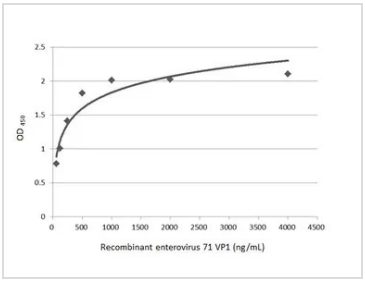
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DATA IMAGES



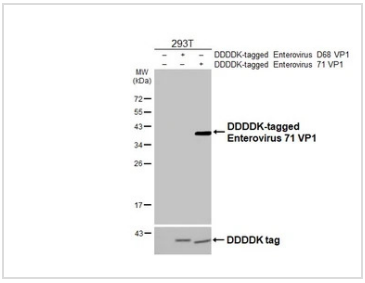
GTX633583 WB Image

Non-infected (–) and infected (+) RD whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with Enterovirus 71 VP1 antibody [GT9512] (GTX633583) diluted at 1:500.



GTX633583 ELISA Image

Indirect ELISA analysis was performed by coating the plate with recombinant Enterovirus 71 VP1 protein, His tag (GTX138560-pro) (4000-62.5 ng/mL). Coated protein was probed with Enterovirus 71 VP1 antibody [GT9512] (GTX633583) (1 µg/mL). Goat anti-mouse IgG antibody (HRP) (GTX213111-01) (1:10000) was used to detect the bound primary antibody.



GTX633583 WB Image

Non-transfected (–) and transfected (+) 293T whole cell extracts were separated by 12% SDS-PAGE, and the membrane was blotted with Enterovirus 71 VP1 antibody [GT9512] (GTX633583) diluted at 1:5000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.

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