

## Enterovirus 71 VP1 antibody [GT9512]

Cat. No. GTX633583

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2a
<b>Applications</b>	WB, ELISA
<b>Reactivity</b>	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

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

<b>Form</b>	Liquid
<b>Buffer</b>	PBS
<b>Preservative</b>	No preservatives
<b>Storage</b>	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
<b>Concentration</b>	1.11 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	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.
<b>Purification</b>	Affinity purified by Protein A.
<b>Conjugation</b>	Unconjugated

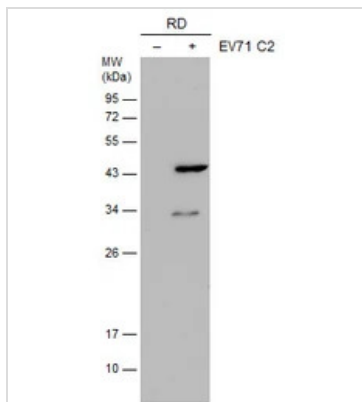
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Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



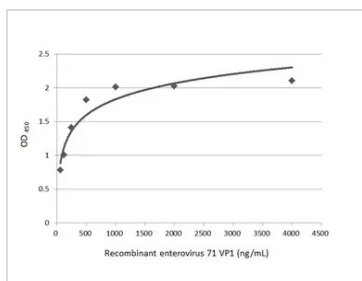
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DATA IMAGES



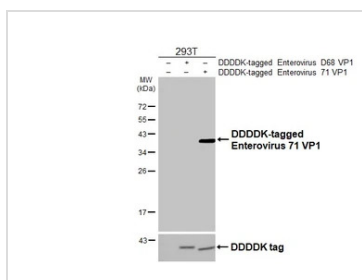
**GTX633583 WB Image**

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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