

Enterovirus 71 VP1 antibody

Cat. No. GTX132338

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Application	WB, ICC/IF, IHC-P
Reactivity	Enterovirus 71

Reference (13)
 Package
 100 µl, 25 µl

APPLICATION

Application Note

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

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
ICC/IF	1:100-1:1000
IHC-P	1:100-1:1000

Not tested in other applications.

Product Note

This antibody was raised against Enterovirus 71 VP1. It recognizes Enterovirus 71 VP1 signal and shows cross-react with Coxsackievirus A16 VP1. However, it does not cross-react with Enterovirus D68 VP1.

PROPERTIES

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
Storage	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.
Concentration	1 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	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

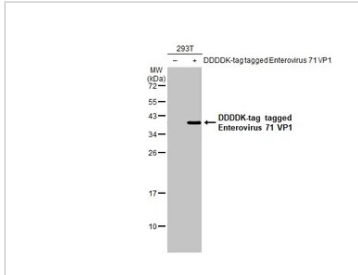


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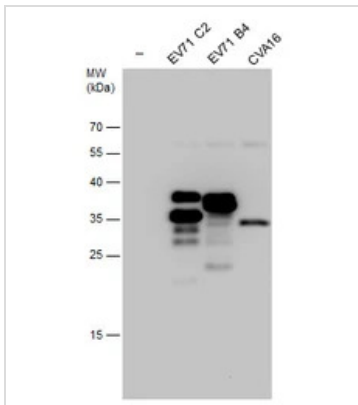
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Note

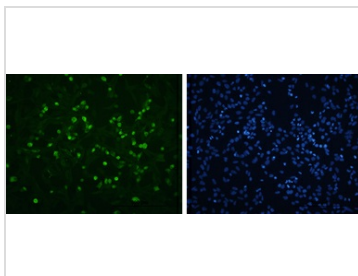
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DATA IMAGES

GTX132338 WB Image

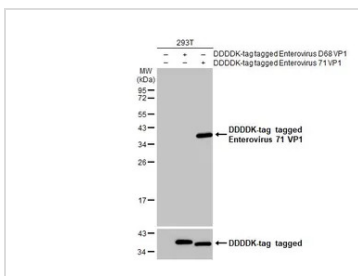
Non-transfected (–) and transfected (+) 293T whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with Enterovirus 71 VP1 antibody (GTX132338) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX132338 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 (GTX132338) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX132338 ICC/IF Image

EV71 VP1 antibody detects EV71 VP1 protein by immunofluorescent analysis. Sample: RD cells infected with EV71 were fixed in 4% paraformaldehyde. Green: EV71 VP1 protein stained by EV71 VP1 antibody (GTX132338) diluted at 1:100. Blue: DAPI staining. Scale bar = 500 µm.


GTX132338 WB Image

Non-transfected (–) and transfected (+) 293T whole cell extracts (30 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with Enterovirus 71 VP1 antibody (GTX132338) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



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