

Enterovirus 71 VP1 antibody [HL4796]

Cat. No. GTX644808

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, 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
ICC/IF	Assay dependent
ELISA	Assay dependent
Sandwich ELISA	Assay dependent

Note : Capture: GTX132338 / GTX637688 / GTX637687 / GTX633583 / GTX633390, Detection: GTX644808.

Please notice that GTX644808 needs to be conjugated to HRP to function as the detection antibody when paired with GTX132338 / GTX637688 / GTX637687. Please contact us for custom HRP-conjugated antibody.

Not tested in other applications.

Product Note

This antibody is specific for VP1 protein of Enterovirus 71, and it does not cross react with VP1 protein of Enterovirus D68 and Coxsackievirus A6.

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 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	Synthetic peptide of Enterovirus 71 VP1.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated



For full product information, images and publications, please visit our [website](#).

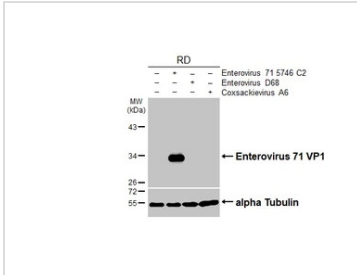
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

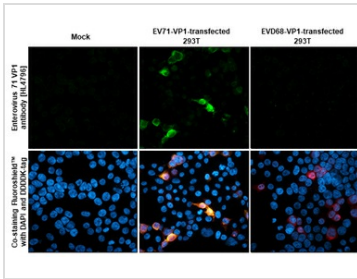
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DATA IMAGES



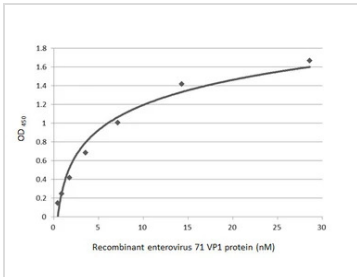
GTX644808 WB Image

Non-infected (-) and infected (+) RD whole cell extracts (5 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Enterovirus 71 VP1 antibody [HL4796] (GTX644808) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX644808 ICC/IF Image

Enterovirus 71 VP1 antibody [HL4796] detects Enterovirus 71 VP1 protein by immunofluorescent analysis. Sample: Mock and transfected 293T cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Enterovirus 71 VP1 stained by Enterovirus 71 VP1 antibody [HL4796] (GTX644808) diluted at 1:500. Red: DDDDK tag stained by DDDDK tag antibody [GT1216] (GTX636630) diluted at 1:2000. Blue: Fluoroshield with DAPI (GTX30920).

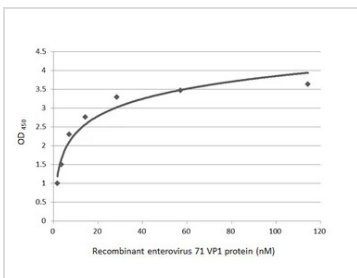


GTX644808 ELISA Image

Sandwich ELISA detection of recombinant Enterovirus 71 VP1 protein, His tag (GTX138560-pro) using antibodies as below.

Capture: Enterovirus 71 VP1 antibody [GT185] (GTX633390) (5 µg/mL)

Detection: Enterovirus 71 VP1 antibody [HL4796] (GTX644808) (1 µg/mL)



GTX644808 ELISA Image

Indirect ELISA analysis was performed by coating the plate with recombinant E.coli expressed, full-length Enterovirus 71 VP1 protein, His tag (GTX138560-pro) (1.79-114.29 nM). Coated protein was probed with Enterovirus 71 VP1 antibody [HL4796] (GTX644808) (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect the bound primary antibody.



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