

Enterovirus 71 VP1 antibody [HL1928]

Cat. No. GTX637687

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	Assay dependent
ICC/IF	Assay dependent
ELISA	Assay dependent
Sandwich ELISA	Assay dependent

Note : Capture : GTX637688, Detection : GTX637687)

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

Not tested in other applications.

Product Note

This antibody was raised against Enterovirus 71 VP1, and it does not cross-react with Enterovirus D68 VP1 or 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	Recombinant fragment of Enterovirus 71 VP1. (strain USA/BrCr/1970)
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated



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

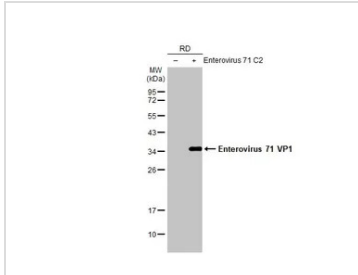
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

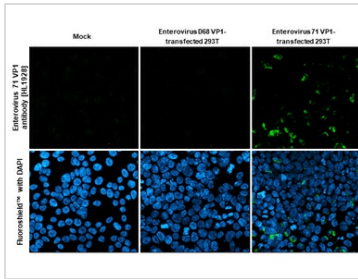
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DATA IMAGES



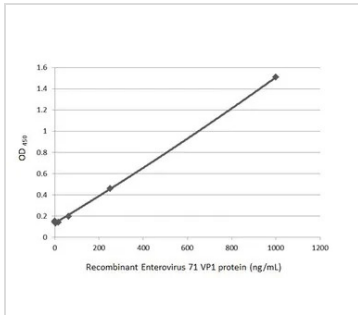
GTX637687 WB Image

Non-infected (–) and infected (+) RD whole cell extracts (5 µg) were separated by 12% SDS-PAGE, and the membrane was blotted with Enterovirus 71 VP1 antibody [HL1928] (GTX637687) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX637687 ICC/IF Image

Enterovirus 71 VP1 antibody [HL1928] 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 [HL1928] (GTX637687) diluted at 1:500. Blue: Fluoroshield with DAPI (GTX30920).



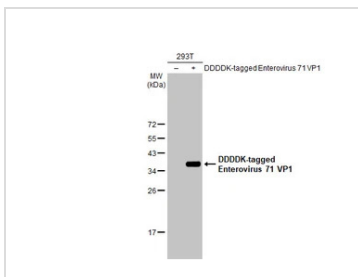
GTX637687 ELISA Image

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

Capture: Enterovirus 71 VP1 antibody [HL1929] (GTX637688) (5 µg/mL)

Detection: HRP-conjugated Enterovirus 71 VP1 antibody [HL1928] (GTX637687) (1 µg/mL)

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



GTX637687 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 [HL1928] (GTX637687) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



For full product information, images and publications, please visit our [website](https://www.genetex.com).