Enterovirus D68 VP1 antibody [GT11610]

Cat. No. GTX633688

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Applications	WB, ICC/IF, ELISA, Sandwich ELISA, IHC-P (cell pellet)
Reactivity	Enterovirus D68

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
IHC-P (cell pellet)	Assay dependent
Note : Capture : GTX633688, Detection : GTX637898	

Not tested in other applications.

Product Note	This antibody was raised against Enterovirus D68 VP1, and it does not cross-react with Enterovirus 71 VP1.

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
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 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the C-terminus region of Enterovirus D68 VP1 protein. (#Isolate 37-99)
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated

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

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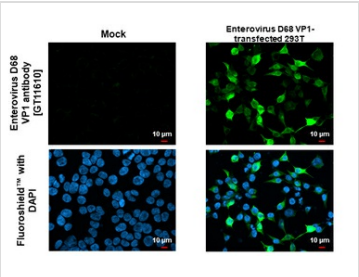
Note

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

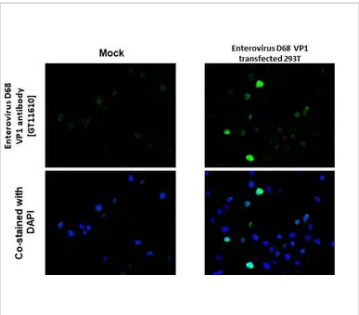
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



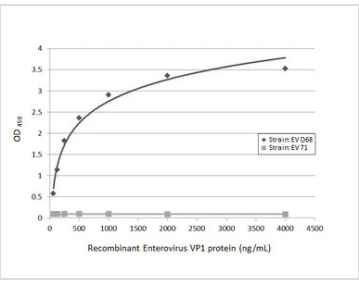
GTX633688 ICC/IF Image

Enterovirus D68 VP1 antibody [GT11610] detects Enterovirus D68 VP1 protein by immunofluorescent analysis.
Sample: Mock and transfected 293T cells were fixed in 4% paraformaldehyde at RT for 15 min.
Green: Enterovirus D68 VP1 stained by Enterovirus D68 VP1 antibody [GT11610] (GTX633688) diluted at 1:500.
Blue: Fluoroshield with DAPI (GTX30920).



GTX633688 IHC-P (cell pellet) Image

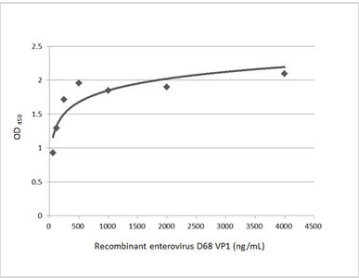
Enterovirus D68 VP1 antibody [GT11610] detects Enterovirus D68 VP1 protein by immunohistochemical analysis.
Sample: Paraffin-embedded mock and Enterovirus D68 VP1 transfected 293T cell.
Green: Enterovirus D68 VP1 stained by Enterovirus D68 VP1 antibody [GT11610] (GTX633688) diluted at 1:4000.
Blue: Fluoroshield with DAPI (GTX30920).
Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



GTX633688 ELISA Image

Sandwich ELISA detection of recombinant full-length VP1 protein(s) derived from different strains of Enterovirus (ie., D68; 71) using antibodies as below.

Capture: Enterovirus D68 VP1 antibody [GT11610] (GTX633688) (5 µg/mL)
Detection: Enterovirus D68 VP1 antibody [HL1997] (GTX637898) (1 µg/mL)



GTX633688 ELISA Image

Indirect ELISA analysis was performed by coating the plate with recombinant full-length enterovirus D68 VP1 (4000-62.5 ng/mL). Coated protein was probed with Enterovirus D68 VP1 antibody [GT11610] (GTX633688) (1 µg/mL). Goat anti-mouse IgG antibody (HRP) (GTX213111-01) (1:10000) was used to detect the bound primary antibody.

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