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: GTX645811 / GTX645812 / GTX646075, Detection: GTX633688.

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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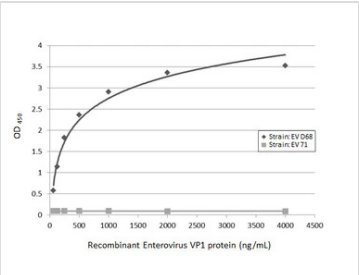
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Note

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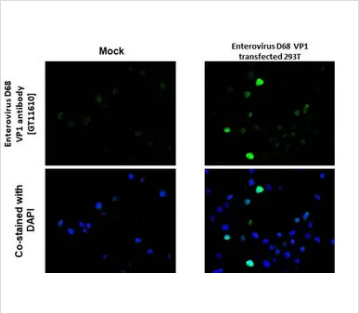
DATA IMAGES



GTX633688 ELISA Image

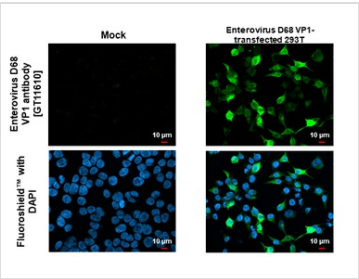
Sandwich ELISA detection of recombinant full-length VP1 protein(s) derived from different strains of Enterovirus (ie., D68; 71) using antibodies as below.

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



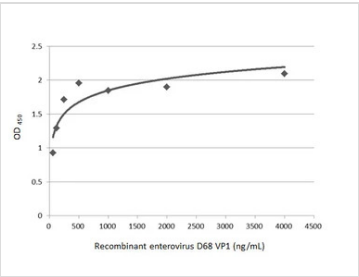
GTX633688 IHC-P (cell pellet) Image

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 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 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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