

# Enterovirus D68 VP1 antibody [GT11610]

**Cat. No. GTX633688**

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

**Package**  
100 µl, 25 µl

## APPLICATION

### 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

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 20% Glycerol
<b>Preservative</b>	No preservative
<b>Storage</b>	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.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the C-terminus region of Enterovirus D68 VP1 protein. The exact sequence is proprietary.
<b>Purification</b>	Affinity purified by Protein G.
<b>Conjugation</b>	Unconjugated



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

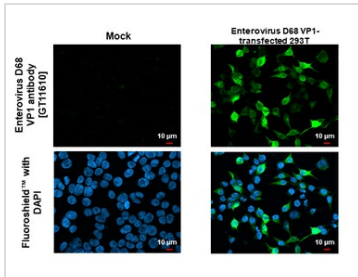
Date 2024 / 05 / 02 Page 1 of 2

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

## Note

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



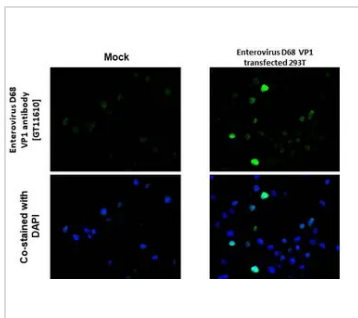
### GTX633688 ICC/IF Image

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

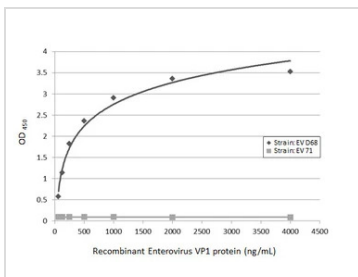
Enterovirus D68 VP1 antibody [GT11610] detects Enterovirus D68 VP1 protein by immunohistochemical analysis.

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

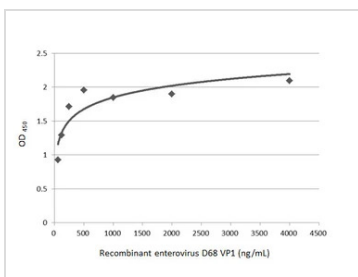


### GTX633688 ELISA Image

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.



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