

## 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 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 protein encompassing a sequence within the C-terminus region of Enterovirus D68 VP1 protein. The exact sequence is proprietary.
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated



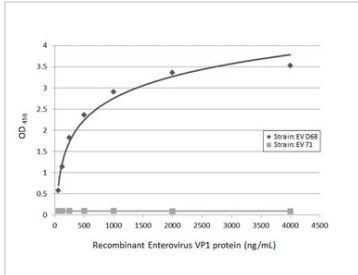
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**Note**

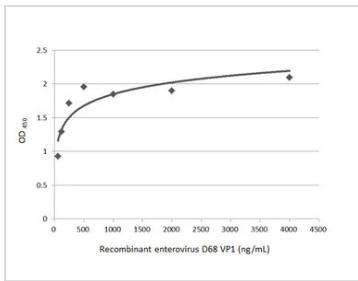
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

**DATA IMAGES**

**GTX633688 ELISA Image**

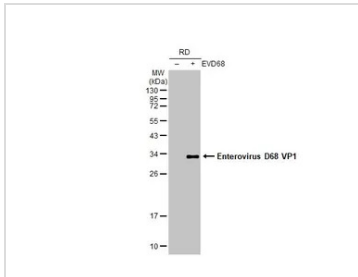
Sandwich ELISA detection of recombinant full-length VP1 protein(s) derived from different strains of Enterovirus (ie., D68; 71) using antibodies as below.

**Capture:** Enterovirus D68 VP1 antibody [GT11610] (GTX633688) (5 µg/mL)

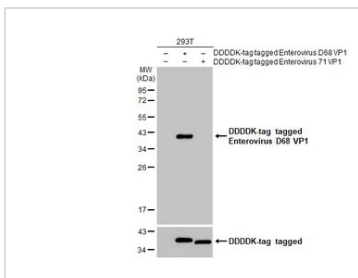
**Detection:** Enterovirus D68 VP1 antibody [HL1997] (GTX637898) (1 µg/mL)


**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.


**GTX633688 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 D68 VP1 antibody [GT11610] (GTX633688) diluted at 1:1000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.


**GTX633688 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 D68 VP1 antibody [GT11610] (GTX633688) diluted at 1:5000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.



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