

## Enterovirus D68 VP1 antibody [GT1843]

**Cat. No. GTX633770**

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2a
<b>Applications</b>	WB, ICC/IF, IHC-P, ELISA, Lateral Flow, IHC-P (cell pellet)
<b>Reactivity</b>	Enterovirus D68

References ( 2 )

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
IHC-P	Assay dependent
ELISA	Assay dependent
Lateral Flow	Assay dependent
IHC-P (cell pellet)	Assay dependent

**Note : Capture: GTX633770, Detection: GTX637898 or Capture: GTX637898, Detection: GTX633770**

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 A.
<b>Conjugation</b>	Unconjugated



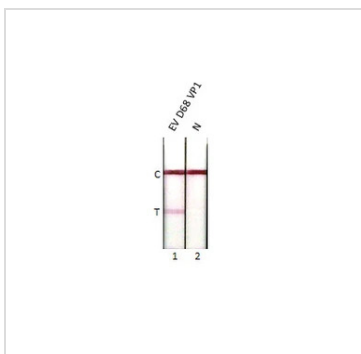
For full product information, images and publications, please visit our [website](#).

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



**GTX633770 Lateral Flow Image**

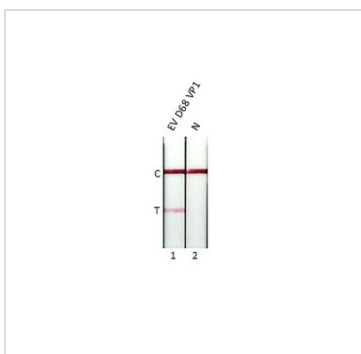
Detection of enterovirus D68 VP1 protein by lateral flow assay using the monoclonal antibody pair.

**Capture:** Enterovirus D68 VP1 antibody (GTX633770 [GT1843])

**Detection:** Enterovirus D68 VP1 antibody (GTX637898 [HL1997])

**Samples (80 ng) :**

1. Enterovirus D68 VP1 protein (GTX138561-pro)
2. Lysis buffer



**GTX633770 Lateral Flow Image**

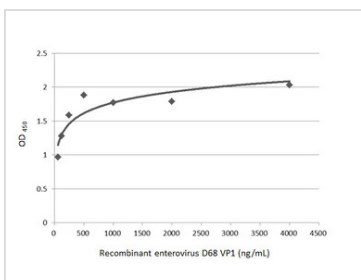
Detection of enterovirus D68 VP1 protein by lateral flow assay using the monoclonal antibody pair.

**Capture:** Enterovirus D68 VP1 antibody (GTX637898 [HL1997])

**Detection:** Enterovirus D68 VP1 antibody (GTX633770 [GT1843])

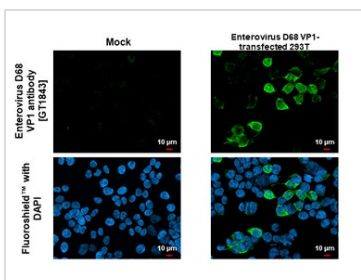
**Samples (80 ng) :**

1. Enterovirus D68 VP1 protein (GTX138561-pro)
2. Lysis buffer



**GTX633770 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 [GT1843] (GTX633770) (1 µg/mL). Goat anti-mouse IgG antibody (HRP) (GTX213111-01) (1:10000) was used to detect the bound primary antibody.



**GTX633770 ICC/IF Image**

Enterovirus D68 VP1 antibody [GT1843] 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 [GT1843] (GTX633770) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTX30920).



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