

## Venezuelan Equine Encephalitis Virus nsP3 antibody [HL1502]

Cat. No. GTX636976

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, IHC-P (cell pellet)
Reactivity	Venezuelan equine encephalitis virus

References ( 1 )

Package

100 µl, 25 µl

## Applications

## Application Note

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
ICC/IF	Assay dependent
IHC-P (cell pellet)	Assay dependent

Not tested in other applications.

## Product Note

This antibody was raised against Venezuelan Equine Encephalitis Virus nsP3, and it does not cross-react with nsP3 of Saint Louis encephalitis virus, La Crosse virus, Western Equine Encephalitis Virus, and Eastern Equine Encephalitis Virus.

## Properties

Form	Liquid
Buffer	PBS
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 fragment of Venezuelan Equine Encephalitis Virus nsP3 (Strain P676).
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

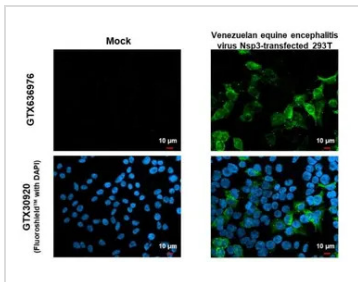
## Note

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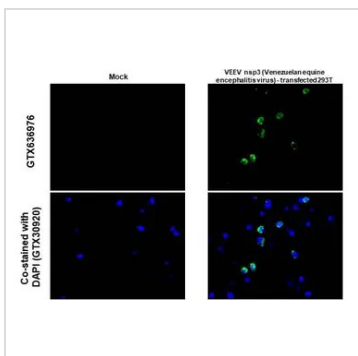
**DATA IMAGES**

**GTx636976 ICC/IF Image**

Venezuelan equine encephalitis virus nsp3 antibody [HL1502] detects Venezuelan equine encephalitis virus nsp3 protein by immunofluorescent analysis.

Sample: Mock and transfected 293T cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Venezuelan equine encephalitis virus nsp3 stained by Venezuelan equine encephalitis virus nsp3 antibody [HL1502] (GTx636976) diluted at 1:500.

Blue: Fluoroshield with DAPI (GTx30920).


**GTx636976 IHC-P (cell pellet) Image**

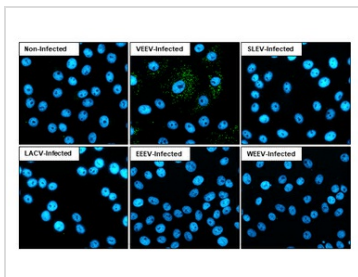
Venezuelan equine encephalitis virus nsp3 antibody [HL1502] detects Venezuelan equine encephalitis virus nsp3 protein at cytoplasm by immunohistochemical analysis.

Sample: Paraffin-embedded mock and VEEV nsp3 (Venezuelan equine encephalitis virus) - transfected 293T cell pellet.

Green: Venezuelan equine encephalitis virus nsp3 stained by Venezuelan equine encephalitis virus nsp3 antibody [HL1502] (GTx636976) diluted at 1:1000.

Blue: Fluoroshield with DAPI (GTx30920).

Antigen Retrieval: Citrate buffer, pH 6.0, 15 min

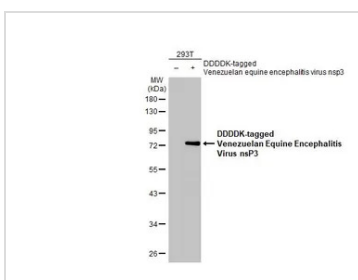

**GTx636976 ICC/IF Image**

Immunofluorescent analysis of Venezuelan equine encephalitis virus infected cells using Venezuelan Equine Encephalitis Virus nsP3 antibody [HL1502] (GTx636976).

Sample: Multiple virus infected cells slide.

Green: Venezuelan Equine Encephalitis Virus nsP3 antibody [HL1502] (GTx636976) diluted at 1:100.

Blue: Fluoroshield with DAPI (GTx30920).


**GTx636976 WB Image**

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 μg) were separated by 10% SDS-PAGE, and the membrane was blotted with Venezuelan Equine Encephalitis Virus nsP3 antibody [HL1502]

(GTx636976) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



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