

Powassan virus NS1 antibody [HL3963]

Cat. No. GTX642213

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF
Reactivity	Powassan virus

★★★★★ Review (2)

Package
100 µl, 25 µl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	1:500-1:20000
ICC/IF	Assay dependent

Not tested in other applications.

Properties

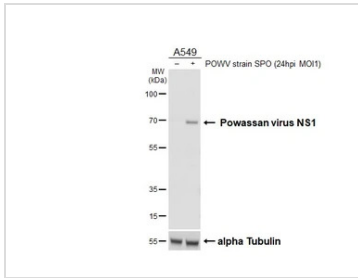
Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Synthetic peptide of Powassan virus NS1. (#Tick-borne powassan virus (strain LB))
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

Note

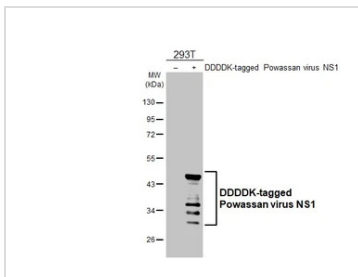
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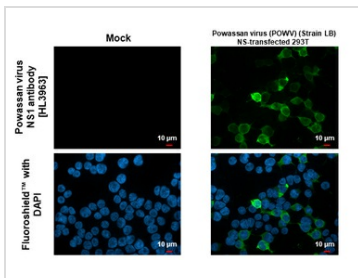
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DATA IMAGES

GTX642213 WB Image

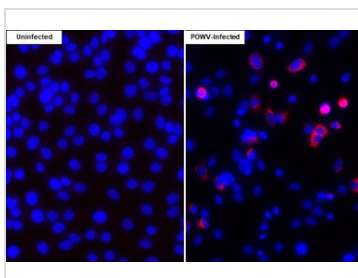
Non-infected (–) and infected (+) A549 whole cell extracts (gradient gel) were separated by 10% SDS-PAGE, and the membrane was blotted with Powassan virus NS1 antibody [HL3963] (GTX642213) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX642213 WB Image

Non-transfected (–) and transfected (+) 293T whole cell extracts (30 µg) were separated by 10% SDS-PAGE, and the membrane was blotted with Powassan virus NS1 antibody [HL3963] (GTX642213) diluted at 1:20000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX642213 ICC/IF Image

Powassan virus NS1 antibody [HL3963] detects Powassan virus NS1 protein by immunofluorescent analysis. Sample: Mock and transfected 293T cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: Powassan virus NS1 stained by Powassan virus NS1 antibody [HL3963] (GTX642213) diluted at 1:500. Blue: Fluoroshield with DAPI (GTX30920).


GTX642213 ICC/IF Image

Powassan virus NS1 antibody [HL3963] detects Powassan virus NS1 protein by immunofluorescent analysis. Sample: Mock and POWV (MOI:1, 48 hr) infected A549 cells were fixed in 4 % formaldehyde and permeabilized using PBS containing 0.5 % Triton X-100 and 20 mM glycine. Red: Powassan virus NS1 stained by Powassan virus NS1 antibody [HL3963] (GTX642213) diluted at 1:1000. Blue: nuclear staining.



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