

Powassan virus prM protein antibody [HL4163]

Cat. No. GTX642968

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	1:500-1:3000
ICC/IF	1:100-1:1000

Not tested in other applications.

Product Note

The immunogen sequence of this antibody is within prM region of Powassan virus M protein, so this antibody is expected to detect prM signal and does not recognize M protein.

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	batch dependent (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant fragment of Powassan virus prM. (Strain LB)
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

Note

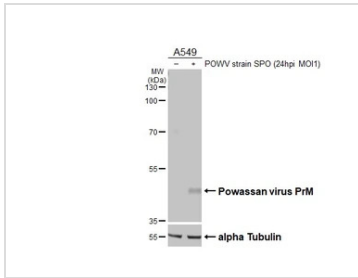
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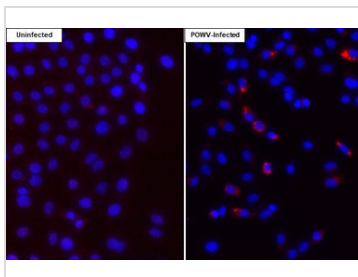
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DATA IMAGES



GTX642968 WB Image

Non-infected (–) and infected (+) A549 whole cell extracts were separated by gradient gel, and the membrane was blotted with Powassan virus prM antibody [HL4163] (GTX642968) diluted at 1:1000.



GTX642968 ICC/IF Image

Powassan virus prM antibody [HL4163] detects Powassan virus prM 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 prM stained by Powassan virus prM antibody [HL4163] (GTX642968) diluted at 1:1000.
Blue: nuclear staining.



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