

Tick-borne encephalitis virus (TBEV) Capsid antibody [HL4289]

Cat. No. GTX643529

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, ELISA
Reactivity	Tick-borne encephalitis 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
ELISA	Assay dependent

Not tested in other applications.

Properties

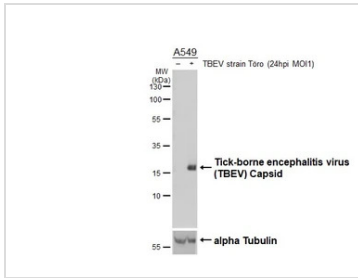
Form	Liquid
Buffer	PBS
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml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

Note

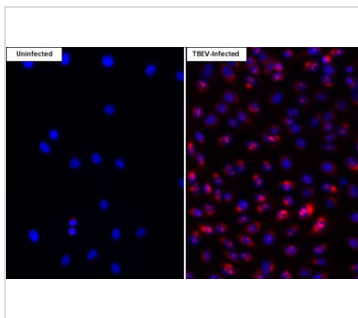
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DATA IMAGES

GTX643529 WB Image

Non-infected (–) and infected (+) A549 whole cell extracts were separated by gradient gel, and the membrane was blotted with Tick-borne encephalitis virus (TBEV) Capsid antibody [HL4289] (GTX643529) diluted at 1:1000.

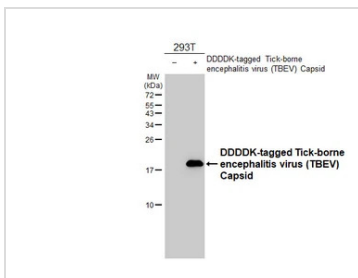

GTX643529 ICC/IF Image

Tick-borne encephalitis virus (TBEV) Capsid antibody [HL4289] detects Tick-borne encephalitis virus (TBEV) Capsid protein by immunofluorescent analysis.

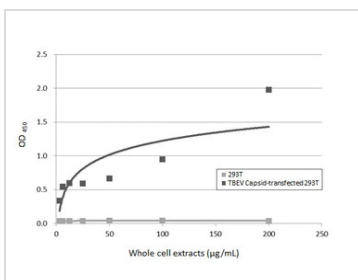
Sample: Mock and TBEV (MOI:1, 24 hr) infected A549 cells were fixed in 4 % formaldehyde and permeabilized using PBS containing 0.5 % Triton X-100 and 20 mM glycine.

Red: Tick-borne encephalitis virus (TBEV) Capsid stained by Tick-borne encephalitis virus (TBEV) Capsid antibody [HL4289] (GTX643529) diluted at 1:500.

Blue: nuclear staining.


GTX643529 WB Image

Non-transfected (–) and transfected (+) 293T whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with Tick-borne encephalitis virus (TBEV) Capsid antibody [HL4289] (GTX643529) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.


GTX643529 ELISA Image

Indirect ELISA analysis was performed by coating the plate with non-transfected and transfected 293T whole cell extracts. Coated protein was probed with Tick-borne encephalitis virus (TBEV) Capsid antibody [HL4289] (GTX643529) (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect the bound primary antibody.



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