Human parvovirus B19 VP1 antibody [HL5828]

Cat. No. GTX647146

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ELISA, Sandwich ELISA
Reactivity	Human parvovirus B19

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
ELISA	Assay dependent
Sandwich ELISA	Assay dependent
Note : Capture: GTX647145 / GTX647146, Detection: GTX646543	

Not tested in other applications.

Product Note	This antibody is specific for Human parvovirus B19 VP1 protein, and it does not cross react with Human parvovirus B19 VP2 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 4ºC. For long-term storage, aliquot and store at -20ºC 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 Human parvovirus B19 VP1.(Strain HV)
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

For full product information, images and publications, please visit our website.

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Note

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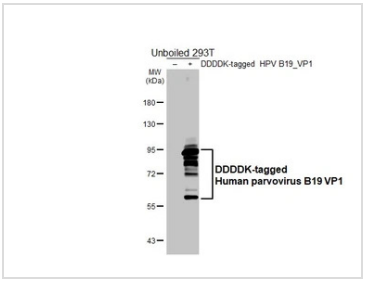
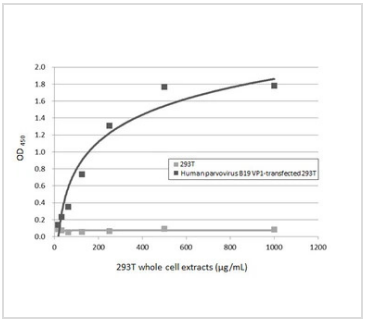
Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



GTX647146 WB Image

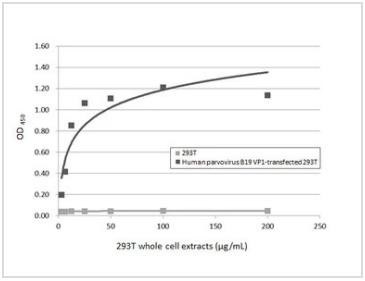
Non-transfected (–) and transfected (+) unboiled 293T whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Human parvovirus B19 VP1 antibody [HL5828] (GTX647146) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX647146 ELISA Image

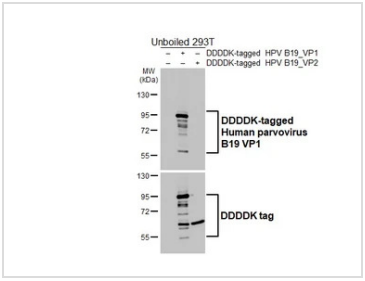
Sandwich ELISA detection of non-transfected and transfected 293T whole cell extracts using antibodies as below.

Capture: Human parvovirus B19 VP1 antibody [HL5828] (GTX647146) (5 µg/mL)
Detection: HRP-conjugated Human parvovirus B19 VP1 antibody [HL5712] (GTX646543) (1 µg/mL)
Please notice that GTX646543 needs to be conjugated to HRP to function as the detection antibody when paired with GTX647146. Please contact us for custom HRP-conjugated antibody.



GTX647146 ELISA Image

Indirect ELISA analysis was performed by coating the plate with non-transfected and transfected 293T whole cell extracts (200-3.13 µg/mL). Coated protein was probed with Human parvovirus B19 VP1 antibody [HL5828] (GTX647146) (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect the bound primary antibody.



GTX647146 WB Image

Non-transfected (–) and transfected (+) unboiled 293T whole cell extracts (30 µg) were separated by 7.5% SDS-PAGE, and the membrane was blotted with Human parvovirus B19 VP1 antibody [HL5828] (GTX647146) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

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