ASFV p54 antibody [HL1219]

Cat. No. GTX636563

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ICC/IF, ELISA, Lateral Flow, Sandwich ELISA
Reactivity	African swine fever virus

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
ELISA	Assay dependent
Lateral Flow	Assay dependent
Sandwich ELISA	Assay dependent

Note : Capture : GTX636563, Detection : GTX636562 / GTX636703
Capture : GTX636562, Detection : GTX636563.
Please notice that GTX636563 needs to be conjugated to HRP when paired with GTX636562. Please contact us for custom HRP-conjugated antibody.

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 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	Recombinant protein encompassing a sequence within the center region of ASFV p54. (African swine fever virus (strain: BA71V))
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated

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

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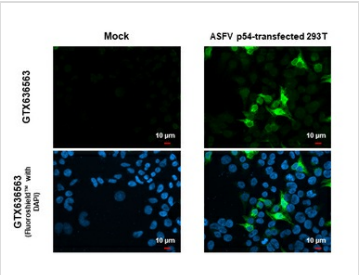
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Note

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

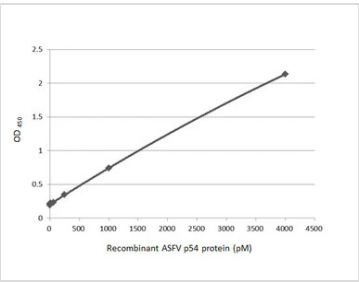
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DATA IMAGES



GTX636563 ICC/IF Image

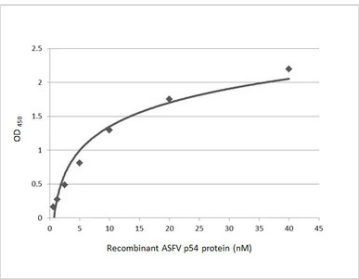
ASFV p54 antibody [HL1219] detects ASFV p54 protein by immunofluorescent analysis.
Sample: Mock and transfected 293T cells were fixed in 4% paraformaldehyde at RT for 15 min.
Green: ASFV p54 stained by ASFV p54 antibody [HL1219] (GTX636563) diluted at 1:500.
Blue: Fluoroshield with DAPI (GTX30920).
Scale bar= 10µm.



GTX636563 ELISA Image

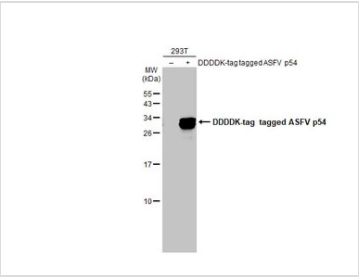
Sandwich ELISA detection of recombinant ASFV p54 using antibodies as below.

Capture: ASFV p54 antibody [HL1218] (GTX636562) (5 µg/mL)
Detection: HRP-conjugated ASFV p54 antibody [HL1219] (GTX636563) (0.1 µg/mL)
Please notice that GTX636563 needs to be conjugated to HRP to function as the detection antibody when paired with GTX636562. Please contact us for custom HRP-conjugated antibody.



GTX636563 ELISA Image

Indirect ELISA analysis performed by coating plate with recombinant recombinant HEK293 expressed, full-length ASFV p54 (40-0.63 nM). Coated protein was probed with ASFV p54 antibody [HL1219] (GTX636563) (1 µg/mL). Goat anti-rabbit IgG antibody (HRP) (GTX213110-01) (1:10000) was used to detect bound primary antibody.



GTX636563 WB Image

Non-transfected (–) and transfected (+) 293T whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with ASFV p54 antibody [HL1219] (GTX636563) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

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