ASFV p54 antibody [HL1218]

Cat. No. GTX636562

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	1:5000-1:500000
ICC/IF	Assay dependent
ELISA	Assay dependent
Lateral Flow	Assay dependent
Sandwich ELISA	Assay dependent

Note : Capture : GTX635690 / GTX635691 / GTX636563 / GTX636700 / GTX636701, Detection : GTX636562
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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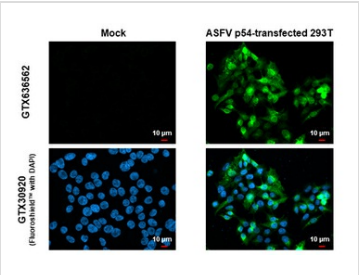
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Note

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

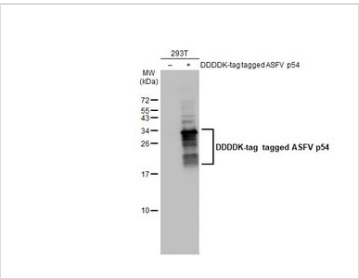
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DATA IMAGES



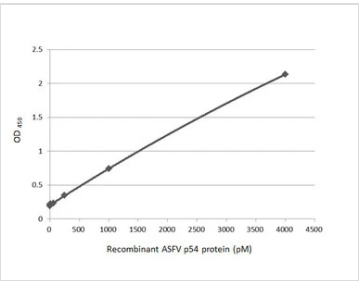
GTX636562 ICC/IF Image

ASFV p54 antibody [HL1218] 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 [HL1218] (GTX636562) diluted at 1:500.
Blue: Fluoroshield with DAPI (GTX30920).



GTX636562 WB Image

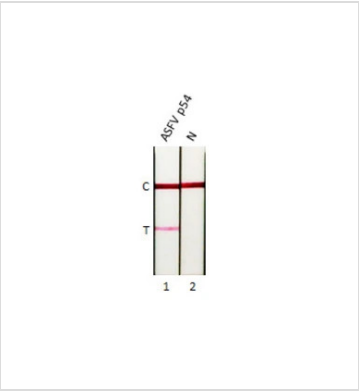
Non-transfected (–) and transfected (+) 293T whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with ASFV p54 antibody [HL1218] (GTX636562) diluted at 1:100000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX636562 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.



GTX636562 Lateral Flow Image

Detection of HEK293 expressed, ASFV p54 (ECD) protein by lateral flow assay using the monoclonal antibody pair.

Capture: ASFV p54 antibody (GTX635690 [GT853])
Detection: ASFV p54 antibody (GTX636562 [HL1218])

Samples (40 ng) :
1. ASFV p54 (ECD) protein (GTX137950-pro)
2. Lysis buffer

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

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