

ASFV p54 antibody [HL1218]

Cat. No. GTX636562

Host	Rabbit	Package
Clonality	Monoclonal	100 µl, 25 µl
Isotype	IgG	
Applications	WB, ICC/IF, ELISA, Lateral Flow, Sandwich ELISA	
Reactivity	African swine fever virus	

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 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 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



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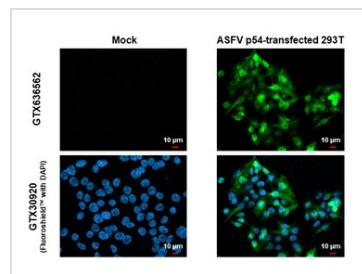
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For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

Note

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



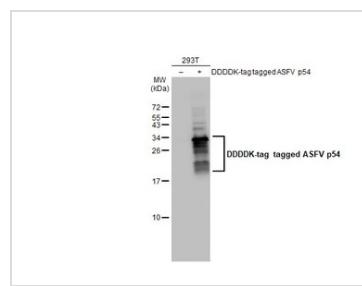
GTX636562 ICC/IF Image

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.

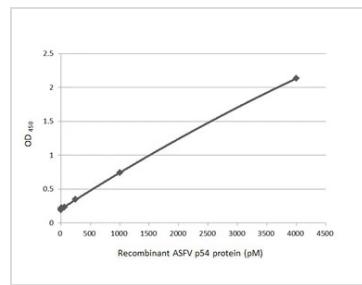
Green: ASFV p54 stained by ASFV p54 antibody [HL1218] (GTX636562) diluted at 1:500.

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.



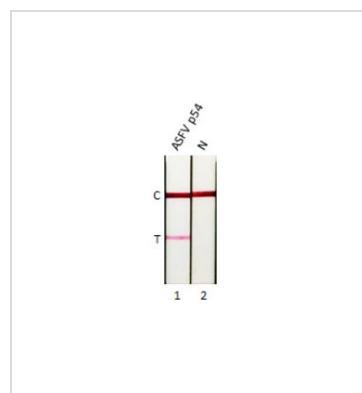
GTX636562 ELISA Image

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



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