ASFV p54 antibody

Cat. No. GTX135175

Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Applications	WB, ICC/IF, ELISA, 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
ICC/IF	Assay dependent
ELISA	Assay dependent
Sandwich ELISA	Assay dependent

Note : Capture: GTX635690 / GTX635691, Detection: GTX135175

Please notice that GTX135175 needs to be conjugated to HRP to function as the detection antibody when paired with GTX635690 / GTX635691. Please contact us for custom HRP-conjugated antibody.

Not tested in other applications.

Properties

Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	0.025% ProClin 300
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, we recommend adding 50% glycerol, then 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 (ASFV (strain: BA71V)). The exact sequence is proprietary.
Purification	Purified by antigen-affinity chromatography.
Conjugation	Unconjugated

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

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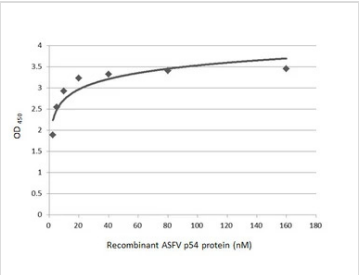
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Note

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

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.

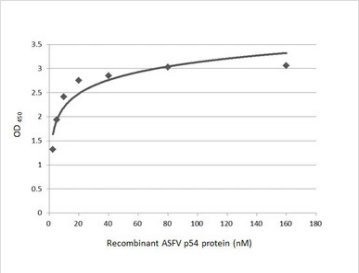
DATA IMAGES



GTX135175 ELISA Image

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

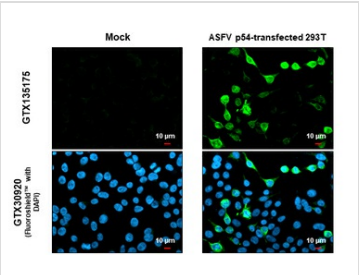
Capture: ASFV p54 antibody [GT853] (GTX635690) (5 µg/mL)
Detection: ASFV p54 antibody (GTX135175) (1 µg/mL)



GTX135175 ELISA Image

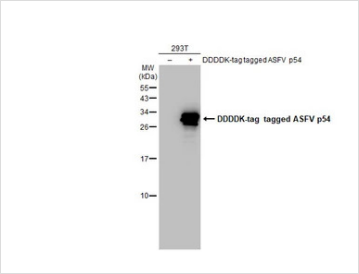
Sandwich ELISA detection of recombinant ASFV p54 using antibodies as below.

Capture: ASFV p54 antibody [GT1075] (GTX635691) (5 µg/mL)
Detection: ASFV p54 antibody (GTX135175) (1 µg/mL)



GTX135175 ICC/IF Image

ASFV p54 antibody 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 (GTX135175) diluted at 1:500.
Blue: Fluoroshield with DAPI (GTX30920).
Scale bar= 10µm.



GTX135175 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 (GTX135175) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.

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