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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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ASFV p54 antibody [GT853]

Cat No. GTX635690

Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Application	WB, ICC/IF, IHC-P
Reactivity	African swine fever virus

Package
100 µl, 25 µl

PRODUCT

Summary

ASFV p54 antibody detects envelope protein p54 of African swine fever virus. Protein p54, encoded by the E183L gene, is a 20 kDa type I transmembrane protein that localizes to envelope precursors derived from the host ER. p54 is involved in intracellular microtubule-dependent transport of viral capsid toward viral factories, and is detected on membrane-like structures within viral factories and mature extracellular virions. This is a valuable mouse monoclonal antibody for research into this very contagious hemorrhagic disease of pigs.

APPLICATION

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Dilution
WB	1:1000-1:10000
ICC/IF	Assay dependent
IHC-P	Assay dependent

Not tested in other applications.

Calculated MW 20 kDa. ([Note](#))

PROPERTIES

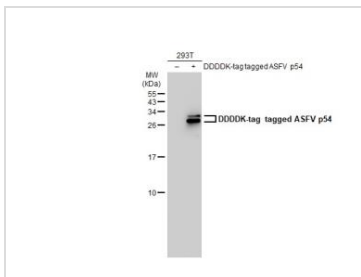
Form	Liquid
Buffer	1XPBS, 20% Glycerol (pH7)
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Recombinant protein encompassing a sequence within the center region of ASFV p54. (ASFV (strain: BA71V)) The exact sequence is proprietary.
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated



For full product information, images and publications, please visit our [website](#).

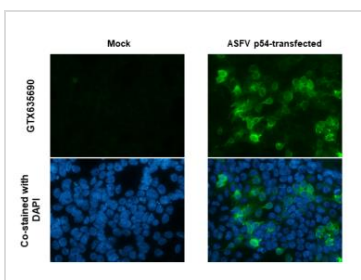
Note For laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

DATA IMAGES



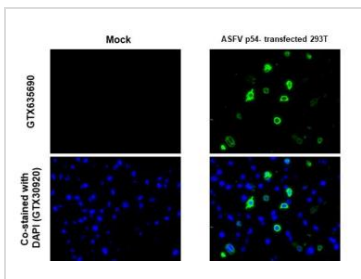
GTX635690 WB Image

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 [GT853] (GTX635690) diluted at 1:5000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.



GTX635690 ICC/IF Image

ASFV p54 antibody [GT853] 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 [GT853] (GTX635690) diluted at 1:1000. Blue: Fluoroshield with DAPI (GTX30920).



GTX635690 IHC-P Image

ASFV p54 antibody [GT853] detects ASFV p54 protein at cytoplasm by immunohistochemical analysis. Sample: African swine fever virus envelope protein p54 transfected 293T cell FFPE Cell Pellet Block. Green: ASFV p54 stained by ASFV p54 antibody [GT853] (GTX635690) diluted at 1:1000. Blue: Fluoroshield with DAPI (GTX30920). Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



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