

# Product Datasheet

## African Swine Fever Virus p54 Antibody (GT853) - Azide and BSA Free NBP3-13671

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Updated 9/25/2025 v.20.1

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**NBP3-13671****African Swine Fever Virus p54 Antibody (GT853) - Azide and BSA Free**

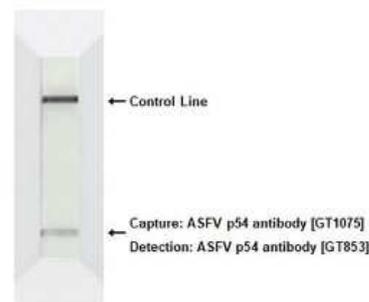
<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	GT853
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein G purified
<b>Buffer</b>	PBS, 20% Glycerol

<b>Product Description</b>	
<b>Description</b>	Centrifuge briefly prior to opening.
<b>Host</b>	Mouse
<b>Gene ID</b>	22220355
<b>Gene Symbol</b>	E183L
<b>Species</b>	Virus
<b>Reactivity Notes</b>	African swine fever virus
<b>Immunogen</b>	Recombinant protein encompassing a sequence within the center region of African Swine Fever Virus p54 (ASFV (strain: BA71V)). The exact sequence is proprietary.

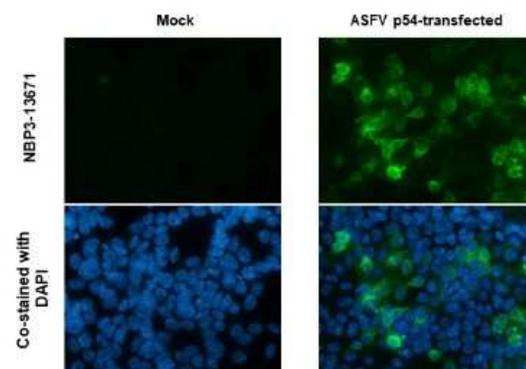
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Sandwich ELISA, Lateral Flow Assay
<b>Recommended Dilutions</b>	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin, Sandwich ELISA, Lateral Flow Assay

**Images**

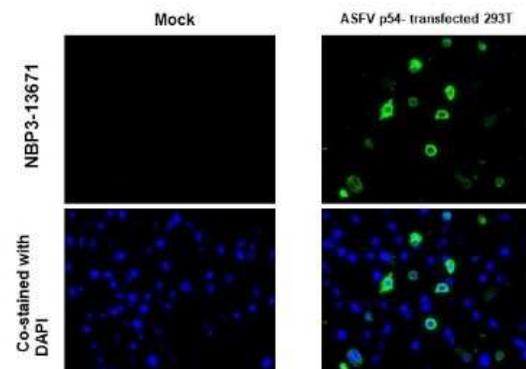
Western Blot: African Swine Fever Virus p54 Antibody (GT853) [NBP3-13671] - Detection of African Swine Fever Virus p54 protein (0.2 ug/ml) by lateral flow assay. Capture : Biotin-labeled African Swine Fever Virus p54 antibody [GT1075] (3.32 ug/ml).\_x000B\_ Detection : FITC-labeled African Swine Fever Virus p54 antibody [GT853] (3.32 ug/ml).



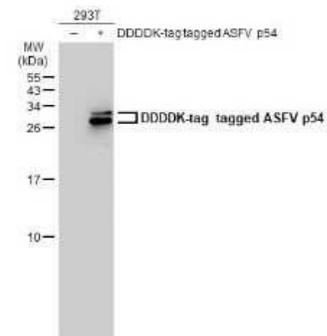
**Immunocytochemistry/Immunofluorescence:** African Swine Fever Virus p54 Antibody (GT853) [NBP3-13671] - African Swine Fever Virus p54 antibody [GT853] detects African Swine Fever Virus p54 protein by immunofluorescent analysis. Sample: Mock and transfected 293T cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: African Swine Fever Virus p54 stained by African Swine Fever Virus p54 antibody [GT853] (NBP3-13671) diluted at 1:1000. Blue: Fluoroshield with DAPI.



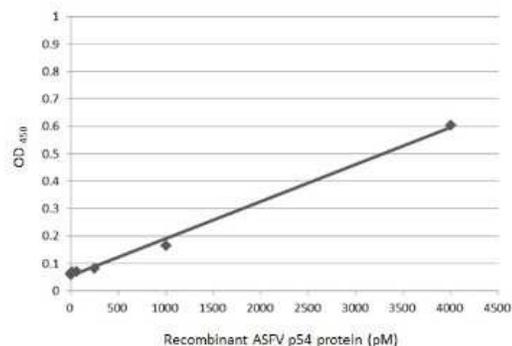
**Immunohistochemistry-Paraffin:** African Swine Fever Virus p54 Antibody (GT853) [NBP3-13671] - African Swine Fever Virus p54 antibody [GT853] detects African Swine Fever Virus p54 protein at cytoplasm by immunohistochemical analysis. Sample: African swine fever virus envelope protein p54 transfected 293T cell FFPE Cell Pellet Block. Green: African Swine Fever Virus p54 stained by African Swine Fever Virus p54 antibody [GT853] (NBP3-13671) diluted at 1:1000. Blue: Fluoroshield with DAPI. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



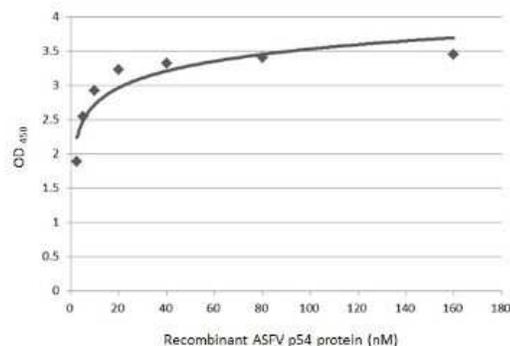
**Western Blot:** African Swine Fever Virus p54 Antibody (GT853) [NBP3-13671] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with African Swine Fever Virus p54 antibody [GT853] (NBP3-13671) diluted at 1:5000. The HRP-conjugated anti-mouse IgG antibody (NBP2-19382) was used to detect the primary antibody.



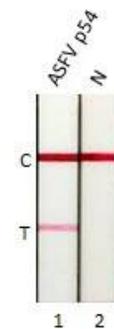
**Sandwich ELISA:** African Swine Fever Virus p54 Antibody (GT853) [NBP3-13671] - Sandwich ELISA detection of recombinant African Swine Fever Virus p54 using antibodies as below. Capture: African Swine Fever Virus p54 antibody [GT853] (NBP3-13671) (5 ug/mL) Detection: HRP-conjugated African Swine Fever Virus p54 antibody [GT1075] (NBP3-13672) (1 ug/mL) Please notice that NBP3-13672 needs to be conjugated to HRP to function as the detection antibody when paired with NBP3-13671. Please contact us for custom HRP-conjugated antibody.



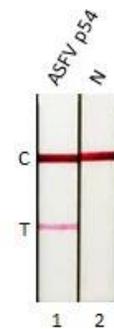
Sandwich ELISA: African Swine Fever Virus p54 Antibody (GT853) [NBP3-13671] - Sandwich ELISA detection of recombinant African Swine Fever Virus p54 using antibodies as below. Capture: African Swine Fever Virus p54 antibody [GT853] (NBP3-13671) (5 ug/mL) Detection: African Swine Fever Virus p54 antibody (NBP3-13435) (1 ug/mL).



Lateral Flow Assay: African Swine Fever Virus p54 Antibody (GT853) [NBP3-13671] - Detection of HEK293 expressed, African Swine Fever Virus p54 (ECD) protein by lateral flow assay using the monoclonal antibody pair. **Capture:** African Swine Fever Virus p54 antibody (NBP3-13671 [GT853]) **Detection:** African Swine Fever Virus p54 antibody **Samples (40 ng)** : 1. African Swine Fever Virus p54 (ECD) protein 2. Lysis buffer



Lateral Flow Assay: African Swine Fever Virus p54 Antibody (GT853) [NBP3-13671] - Detection of HEK293 expressed, African Swine Fever Virus p54 (ECD) protein by lateral flow assay using the monoclonal antibody pair. **Capture:** African Swine Fever Virus p54 antibody (NBP3-13671 [GT853]) **Detection:** African Swine Fever Virus p54 antibody **Samples (40 ng)** : 1. African Swine Fever Virus p54 (ECD) protein 2. Lysis buffer





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### **Products Related to NBP3-13671**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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