

Product Datasheet

African Swine Fever Virus p54 Antibody (GT1075) - Azide and BSA Free NBP3-13672

Unit Size: 100 ul

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

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NBP3-13672

African Swine Fever Virus p54 Antibody (GT1075) - Azide and BSA Free

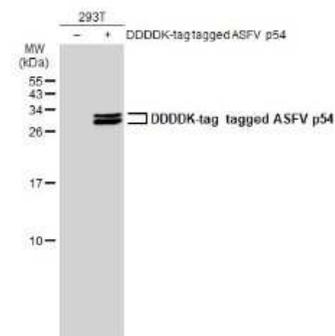
Product Information	
Unit Size	100 ul
Concentration	Concentrations vary lot to lot. See vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	GT1075
Preservative	No Preservative
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS, 20% Glycerol

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

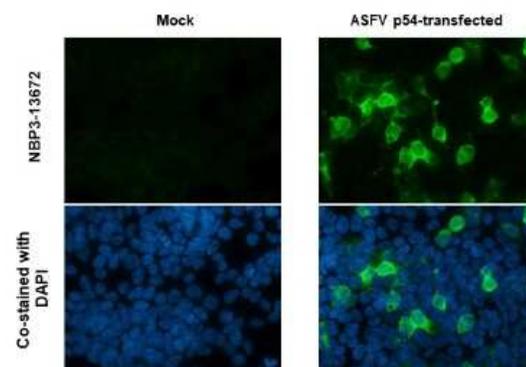
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Sandwich ELISA, Lateral Flow Assay
Recommended Dilutions	Western Blot, ELISA, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin,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

Images

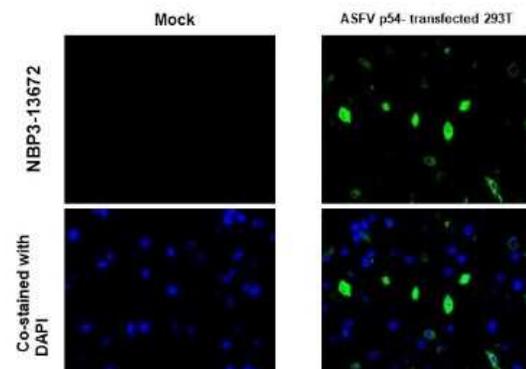
Western Blot: African Swine Fever Virus p54 Antibody (GT1075) [NBP3-13672] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with African Swine Fever Virus p54 antibody [GT1075] (NBP3-13672) diluted at 1:5000. The HRP-conjugated anti-mouse IgG antibody (NBP2-19382) was used to detect the primary antibody.



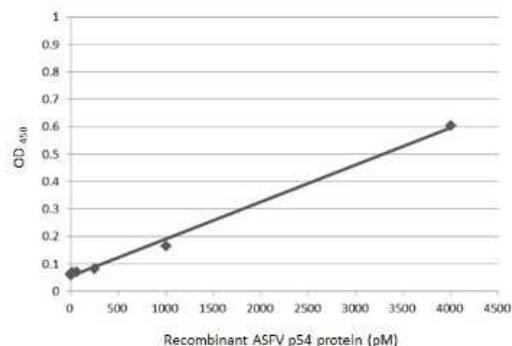
Immunocytochemistry/Immunofluorescence: African Swine Fever Virus p54 Antibody (GT1075) [NBP3-13672] - African Swine Fever Virus p54 antibody [GT1075] detects African Swine Fever Virus p54 protein by immunofluorescent analysis. Sample: Mock and transfected 293T cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: African Swine Fever Virus p54 stained by African Swine Fever Virus p54 antibody [GT1075] (NBP3-13672) diluted at 1:1000. Blue: Fluoroshield with DAPI.



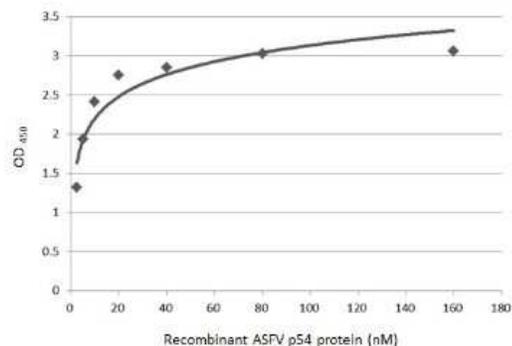
Immunohistochemistry-Paraffin: African Swine Fever Virus p54 Antibody (GT1075) [NBP3-13672] - African Swine Fever Virus p54 antibody [GT1075] detects African Swine Fever Virus p54 protein at cytoplasm by immunohistochemical analysis. Sample: African swine fever virus envelope protein p54 transfected 293T cell FFPE Cell Pellet Block. Green: African Swine Fever Virus p54 stained by African Swine Fever Virus p54 antibody [GT1075] (NBP3-13672) diluted at 1:1000. Blue: Fluoroshield with DAPI. Antigen Retrieval: Citrate buffer, pH 6.0, 15 min



Sandwich ELISA: African Swine Fever Virus p54 Antibody (GT1075) [NBP3-13672] - 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.

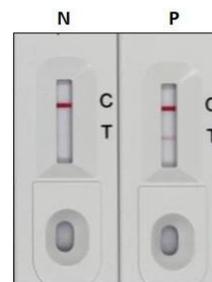


Sandwich ELISA: African Swine Fever Virus p54 Antibody (GT1075) [NBP3-13672] - Sandwich ELISA detection of recombinant African Swine Fever Virus p54 using antibodies as below. Capture: African Swine Fever Virus p54 antibody [GT1075] (NBP3-13672) (5 ug/mL) Detection: African Swine Fever Virus p54 antibody (NBP3-13435) (1 ug/mL)

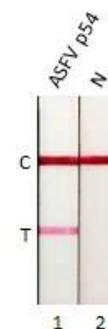


Lateral Flow Assay: African Swine Fever Virus p54 Antibody (GT1075) [NBP3-13672] - Detection of E.coli expressed, African Swine Fever Virus p54 (ECD) protein by lateral flow assay using the monoclonal antibody pair. **Capture:** African Swine Fever Virus p54 antibody [HL1287] **Detection:** African Swine Fever Virus p54 antibody [GT1075] (NBP3-13672)

N: Lysis Buffer
P: 1 ng ASFV p54 protein, His tag

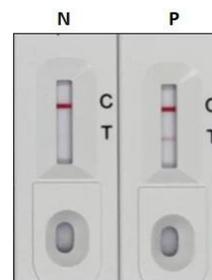


Lateral Flow Assay: African Swine Fever Virus p54 Antibody (GT1075) [NBP3-13672] - Detection of HEK293 expressed, African Swine Fever Virus p54 (ECD) protein by lateral flow assay using the monoclonal antibody pair. **Capture:** African Swine Fever Virus p54 antibody (NBP3-13672 [GT1075]) **Detection:** African Swine Fever Virus p54 antibody **Samples (40 ng)** : 1. African Swine Fever Virus p54 (ECD) protein 2. Lysis buffer



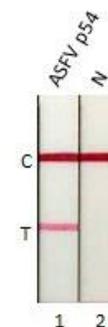
Lateral Flow Assay: African Swine Fever Virus p54 Antibody (GT1075) [NBP3-13672] - Detection of African Swine Fever Virus p54 (ECD) protein, His Tag by lateral flow assay using the monoclonal antibody pair.

N: Lysis Buffer
P: 1 ng ASFV p54 protein, His tag



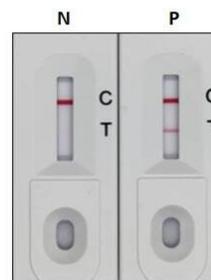
Capture : African Swine Fever Virus p54 antibody [HL1289] **Detection :** African Swine Fever Virus p54 antibody [GT1075] (NBP3-13672)

Lateral Flow Assay: African Swine Fever Virus p54 Antibody (GT1075) [NBP3-13672] - 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 (NBP3-13672 [GT1075]) **Detection:** African Swine Fever Virus p54 antibody **Samples (40 ng)** : 1. African Swine Fever Virus p54 (ECD) protein 2. Lysis buffer

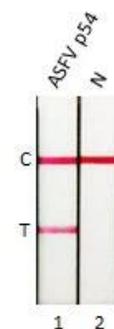


Lateral Flow Assay: African Swine Fever Virus p54 Antibody (GT1075) [NBP3-13672] - Detection of E.coli expressed, African Swine Fever Virus p54 (ECD) protein by lateral flow assay using the monoclonal antibody pair. **Capture:** African Swine Fever Virus p54 antibody [HL1287]
Detection: African Swine Fever Virus p54 antibody [GT1075] (NBP3-13672)

N: Lysis Buffer
P: 1 ng ASFV p54 protein, His tag



Lateral Flow Assay: African Swine Fever Virus p54 Antibody (GT1075) [NBP3-13672] - 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
Detection: African Swine Fever Virus p54 antibody (NBP3-13672 [GT1075]) **Samples (80 ng)** : 1. African Swine Fever Virus p54 (ECD) protein 2. Lysis buffer





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NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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