

Product Datasheet

African Swine Fever Virus p54 Antibody (HL1289) - Azide and BSA Free NBP3-25370

Unit Size: 100 ul

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

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NBP3-25370

African Swine Fever Virus p54 Antibody (HL1289) - 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	HL1289
Preservative	No Preservative
Isotype	IgG
Purity	Protein A purified
Buffer	PBS

Product Description

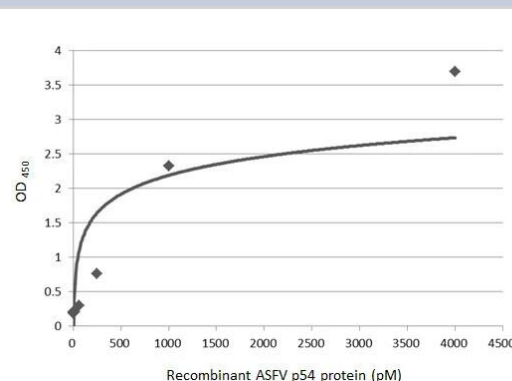
Description	Novus Biologicals Rabbit African Swine Fever Virus p54 Antibody (HL1289) - Azide and BSA Free (NBP3-25370) is a recombinant monoclonal antibody validated for use in WB, ELISA and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	22220355
Gene 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. The exact sequence is proprietary.

Product Application Details

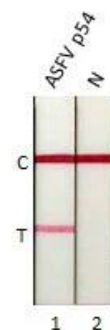
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA, Lateral Flow Assay
Recommended Dilutions	Western Blot 1:5000-1:100000, ELISA, Immunocytochemistry/ Immunofluorescence, Sandwich ELISA, Lateral Flow Assay

Images

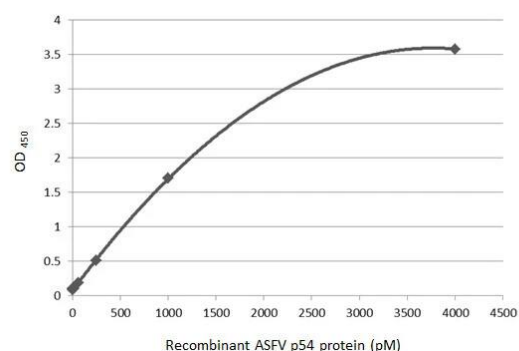
ELISA: African Swine Fever Virus p54 Antibody (HL1289) - Azide and BSA Free [NBP3-25370] - Sandwich ELISA detection of recombinant HEK293 expressed, full-length ASFV p54 using antibodies as below. Capture: ASFV p54 antibody [HL1289] (NBP3-25370) (5 ug/mL) Detection: HRP-conjugated ASFV p54 antibody [HL1287] (NBP3-25369) (1 ug/mL) Please notice that NBP3-25369 needs to be conjugated to HRP to function as the detection antibody when paired with NBP3-25370. Please contact us for custom HRP-conjugated antibody.



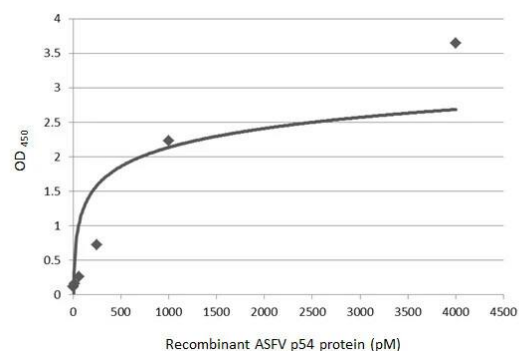
Lateral Flow Assay: African Swine Fever Virus p54 Antibody (HL1289) - Azide and BSA Free [NBP3-25370] - Detection of HEK293 expressed, ASFV p54 (ECD) protein by lateral flow assay using the monoclonal antibody pair. Capture: ASFV p54 antibody (NBP3-13672 [GT1075])
Detection: ASFV p54 antibody (NBP3-25370 [HL1289]) Samples (40 ng)
: 1. ASFV p54 (ECD) protein 2. Lysis buffer



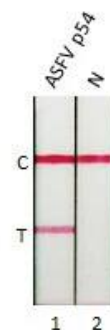
ELISA: African Swine Fever Virus p54 Antibody (HL1289) - Azide and BSA Free [NBP3-25370] - Sandwich ELISA detection of recombinant HEK293 expressed, full-length ASFV p54 using antibodies as below. Capture: ASFV p54 antibody [HL1287] (NBP3-25369) (5 ug/mL) Detection: HRP-conjugated ASFV p54 antibody [HL1289] (NBP3-25370) (1 ug/mL) Please notice that NBP3-25370 needs to be conjugated to HRP to function as the detection antibody when paired with NBP3-25369. Please contact us for custom HRP-conjugated antibody.



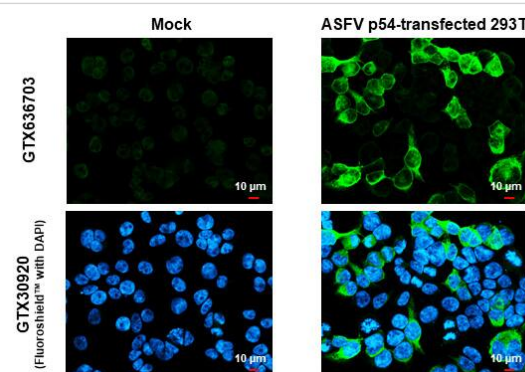
ELISA: African Swine Fever Virus p54 Antibody (HL1289) - Azide and BSA Free [NBP3-25370] - Sandwich ELISA detection of recombinant HEK293 expressed, full-length ASFV p54 using antibodies as below. Capture: ASFV p54 antibody [HL1289] (NBP3-25370) (5 ug/mL) Detection: HRP-conjugated ASFV p54 antibody [HL1287] (NBP3-25369) (1 ug/mL) Please notice that NBP3-25369 needs to be conjugated to HRP to function as the detection antibody when paired with NBP3-25370. Please contact us for custom HRP-conjugated antibody.



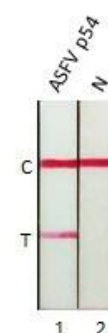
Lateral Flow Assay: African Swine Fever Virus p54 Antibody (HL1289) - Azide and BSA Free [NBP3-25370] - Detection of HEK293 expressed, ASFV p54 (ECD) protein by lateral flow assay using the monoclonal antibody pair. Capture: ASFV p54 antibody (NBP3-25367 [HL1219])
Detection: ASFV p54 antibody (NBP3-25370 [HL1289]) Samples (20 ng)
: 1. ASFV p54 (ECD) protein 2. Lysis buffer



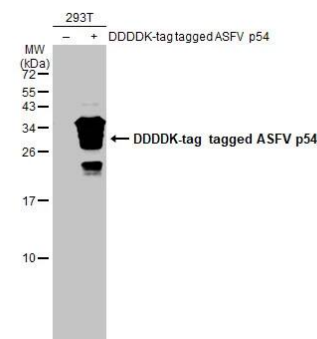
Immunocytochemistry/Immunofluorescence: African Swine Fever Virus p54 Antibody (HL1289) - Azide and BSA Free [NBP3-25370] - ASFV p54 antibody [HL1289] detects ASFV p54 protein by immunofluorescent analysis. Sample: Mock and transfected 293T cells were fixed in 4% paraformaldehyde at RT for 15 min. Green: ASFV p54 stained by ASFV p54 antibody [HL1289] (NBP3-25370) diluted at 1:500. Blue: Fluoroshield with DAPI .



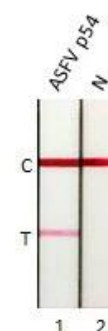
Lateral Flow Assay: African Swine Fever Virus p54 Antibody (HL1289) - Azide and BSA Free [NBP3-25370] - Detection of HEK293 expressed, ASFV p54 (ECD) protein by lateral flow assay using the monoclonal antibody pair. Capture: ASFV p54 antibody (NBP3-25369 [HL1287]) Detection: ASFV p54 antibody (NBP3-25370 [HL1289]) Samples (20 ng) : 1. ASFV p54 (ECD) protein 2. Lysis buffer



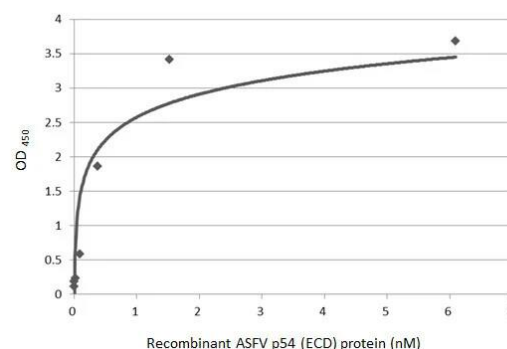
Western Blot: African Swine Fever Virus p54 Antibody (HL1289) - Azide and BSA Free [NBP3-25370] - Non-transfected (-) and transfected (+) 293T whole cell extracts (30 ug) were separated by 15% SDS-PAGE, and the membrane was blotted with ASFV p54 antibody [HL1289] (NBP3-25370) diluted at 1:500000. The HRP-conjugated anti-rabbit IgG antibody was used to detect the primary antibody.



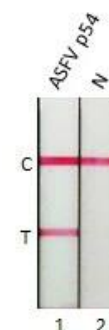
Lateral Flow Assay: African Swine Fever Virus p54 Antibody (HL1289) - Azide and BSA Free [NBP3-25370] - Detection of HEK293 expressed, ASFV p54 (ECD) protein by lateral flow assay using the monoclonal antibody pair. Capture: ASFV p54 antibody (NBP3-13671 [GT853]) Detection: ASFV p54 antibody (NBP3-25370 [HL1289]) Samples (40 ng) : 1. ASFV p54 (ECD) protein 2. Lysis buffer



ELISA: African Swine Fever Virus p54 Antibody (HL1289) - Azide and BSA Free [NBP3-25370] - Sandwich ELISA detection of recombinant HEK293 expressed, full-length ASFV p54, His Tag using antibodies as below. Capture: ASFV p54 antibody [HL1286] (NBP3-25368) (5 ug/mL) Detection: HRP-conjugated ASFV p54 antibody [HL1289] (NBP3-25370) (1 ug/mL) Please notice that NBP3-25370 needs to be conjugated to HRP to function as the detection antibody when paired with NBP3-25368. Please contact us for custom HRP-conjugated antibody.

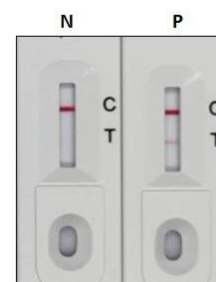


Lateral Flow Assay: African Swine Fever Virus p54 Antibody (HL1289) - Azide and BSA Free [NBP3-25370] - Detection of HEK293 expressed, ASFV p54 (ECD) protein by lateral flow assay using the monoclonal antibody pair. Capture: ASFV p54 antibody (NBP3-25368 [HL1286]) Detection: ASFV p54 antibody (NBP3-25370 [HL1289]) Samples (80 ng): 1. ASFV p54 (ECD) protein 2. Lysis buffer



Lateral Flow Assay: African Swine Fever Virus p54 Antibody (HL1289) - Azide and BSA Free [NBP3-25370] - Detection of E.coli expressed, ASFV p54 (ECD) protein by lateral flow assay using the monoclonal antibody pair. Capture: ASFV p54 antibody [HL1289] (NBP3-25370) Detection: ASFV p54 antibody [GT1075] (NBP3-13672)

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





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NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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