

Product Datasheet

Canine Parvovirus Antibody (2G10A3) - BSA Free NBP2-61721

Unit Size: 0.1 ml

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

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NBP2-61721

Canine Parvovirus Antibody (2G10A3) - BSA Free

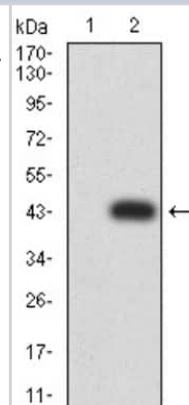
Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	2G10A3
Preservative	0.05% Sodium Azide
Isotype	IgG1
Purity	Protein G purified
Buffer	PBS
Target Molecular Weight	64.6 kDa

Product Description	
Description	Novus Biologicals Mouse Canine Parvovirus Antibody (2G10A3) - BSA Free (NBP2-61721) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow and ICC/IF. Anti-Canine Parvovirus Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Species	Human, Virus
Immunogen	Purified recombinant fragment of Canine Parvovirus Canine Parvovirus (AA: 1-128) expressed in E. Coli.

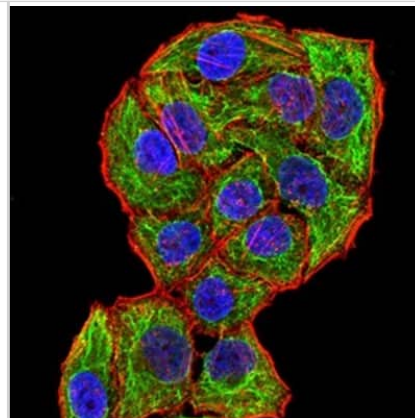
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:500 - 1:2000, Flow Cytometry 1:200 - 1:400, ELISA 1:10000, Immunohistochemistry 1:200 - 1:1000, Immunocytochemistry/ Immunofluorescence 1:200 - 1:1000, Immunohistochemistry-Paraffin 1:200 - 1:1000

Images

Western Blot: Canine Parvovirus Antibody (2G10A3) [NBP2-61721] - Analysis using CPV-VP2 mAb against HEK293 (1) and CPV-VP2 (AA: 1-128)-hlgGfc transfected HEK293 (2) cell lysate.



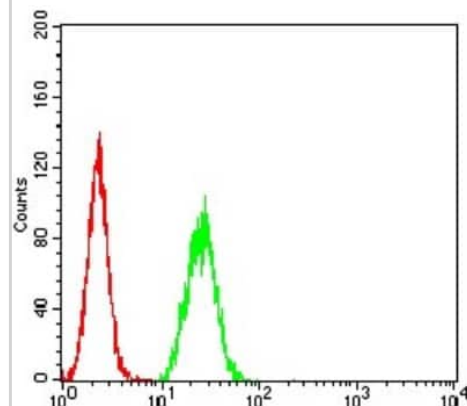
Immunocytochemistry/Immunofluorescence: Canine Parvovirus Antibody (2G10A3) [NBP2-61721] - Analysis of Hela cells using CPV-VP2 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Goat anti-Mouse IgG (H+L) DyLight 488 secondary antibody was used.



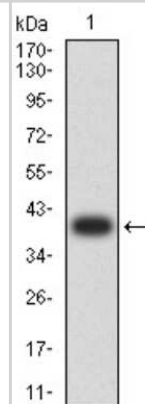
Immunohistochemistry-Paraffin: Canine Parvovirus Antibody (2G10A3) [NBP2-61721] - Parvovirus immunoreactivity in canine heart. Primary antibody used at 1ug/mL and incubated for 30 minutes at room temperature. IHC-P image submitted by a verified customer review.



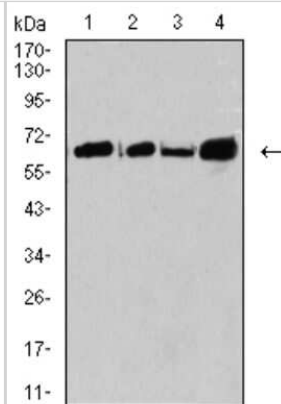
Flow Cytometry: Canine Parvovirus Antibody (2G10A3) [NBP2-61721] - Analysis of Hela cells using CPV-VP2 mouse mAb (green) and negative control (red).



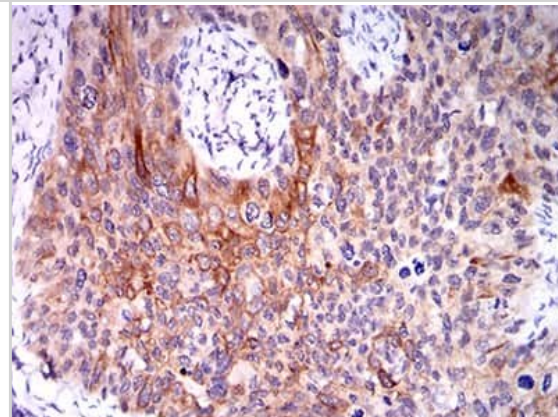
Western Blot: Canine Parvovirus Antibody (2G10A3) [NBP2-61721] - Analysis using CPV-VP2 mAb against Canine CPV-VP2 (AA: 1-128) recombinant protein. (Expected MW is 39.4 kDa)



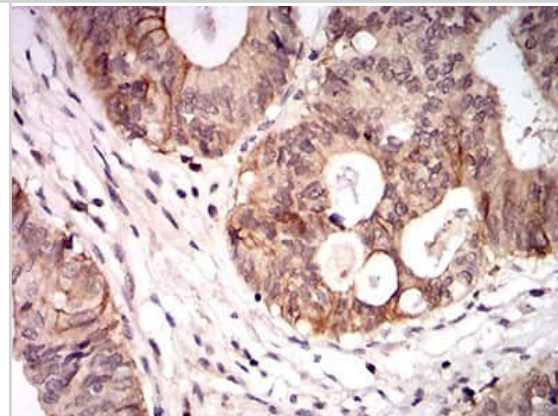
Western Blot: Canine Parvovirus Antibody (2G10A3) [NBP2-61721] - Analysis using CPV-VP2 mouse mAb against SW480 (1), A431 (2), K562 (3), and BCBL-1 (4) cell lysate.



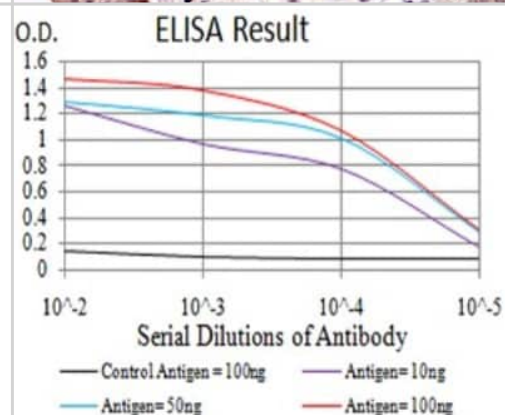
Immunohistochemistry-Paraffin: Canine Parvovirus Antibody (2G10A3) [NBP2-61721] - Analysis of cervical cancer tissues using CPV-VP2 mouse mAb with DAB staining.



Immunohistochemistry-Paraffin: Canine Parvovirus Antibody (2G10A3) [NBP2-61721] - Analysis of colon cancer tissues using CPV-VP2 mouse mAb with DAB staining.



ELISA: Canine Parvovirus Antibody (2G10A3) [NBP2-61721] - Black line: Control Antigen (100 ng); Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line: Antigen (100 ng)



Publications

Miao B, Chen S, Zhang X et al. T598 and T601 phosphorylation sites of canine parvovirus NS1 are crucial for viral replication and pathogenicity Veterinary microbiology 2022-01-01 [PMID: 34915313] (ICC/IF, Virus)



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Products Related to NBP2-61721

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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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