

# Product Datasheet

## Paramyxovirus SV5 Pk Antibody (SV5-Pk1) - BSA Free NB100-62264

Unit Size: 0.1 mg

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

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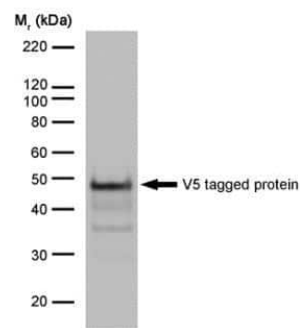
**NB100-62264**

Paramyxovirus SV5 Pk Antibody (SV5-Pk1) - BSA Free

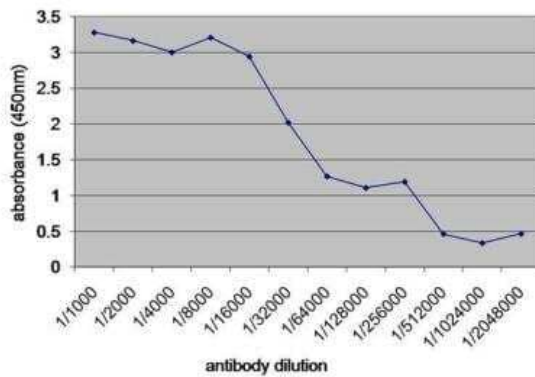
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	SV5-Pk1
Preservative	0.09% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS
Product Description	
Description	Novus Biologicals Mouse Paramyxovirus SV5 Pk Antibody (SV5-Pk1) - BSA Free (NB100-62264) is a monoclonal antibody validated for use in IHC, WB, ELISA, Flow, ICC/IF and IP. Anti-Paramyxovirus SV5 Pk Antibody: Cited in 30 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Species	Viral
Reactivity Notes	Epitope tag. Non-species specific. Mouse reactivity reported in scientific literature (PMID: 27681617).
Specificity/Sensitivity	This product recognises a small epitope, termed Pk, present on the P/V proteins of the paramyxovirus, SV5. NB100-62264 has been used to detect recombinant proteins, some of which include transmembrane and secreted proteins, which have been tagged with this epitope. Usually, a 14 amino acid tag has been added to the recombinant proteins, although a smaller epitope of 9 amino acids (that as a peptide inhibit the binding of the monoclonal antibody to its native protein) has also been successfully used. The 14 amino acid epitope is; gly lys pro (ile pro asn pro leu leu gly leu asp) ser thr. (9 amino acid epitope is in parenthesis)
Immunogen	Paramyxovirus Simian-Virus 5 (SV5)
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunoprecipitation, Radioimmunoassay, Sandwich ELISA
Recommended Dilutions	Western Blot 1:1000-1:5000, Flow Cytometry 1:10-1:1000, ELISA 1:1000-1:5000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:10-1:500, Immunoprecipitation 1:10-1:500, Radioimmunoassay 1:100-1:2000, Immunohistochemistry-Frozen 1:10-1:500, Radioimmunoassay 1:100-1:2000, Sandwich ELISA

## Images

Western Blot: Paramyxovirus SV5 Pk Antibody (SV5-Pk1) [NB100-62264] - Analysis using the Biotin conjugate of NB100-62264. Detection of V5 tagged protein with Mouse anti V5-tag.



Sandwich ELISA: Paramyxovirus SV5 Pk Antibody (SV5-Pk1) [NB100-62264] - V5 tagged protein detected with Mouse anti V5-Tag.



## Publications

Schunck RVA, Macedo IC, Laste G et Al. Standardized Passiflora incarnata L. Extract Reverts the Analgesia Induced by Alcohol Withdrawal in Rats *Phytother Res* 2017-10-03 [PMID: 28568647]

Fu J, Zhu J, Du F et al. Prognostic Inflammatory Index Based on Preoperative Peripheral Blood for Predicting the Prognosis of Colorectal Cancer Patients *Cancers* 2020-12-22 [PMID: 33374924]

Gebbia V, Aiello MM, Banna G et al. Metronomic oral vinorelbine in patients with advanced non-small cell lung cancer progressing after nivolumab immunotherapy: a retrospective analysis *ecancermedicalsecience* 2020-09-29 [PMID: 33144881]

Muntean M, Briciu V, Lupse M et al. Effects of COVID-19 on the Liver and Mortality in Patients with SARS-CoV-2 Pneumonia Caused by Delta and Non-Delta Variants: An Analysis in a Single Centre *Pharmaceuticals* 2023-12-19 [PMID: 38275989]

Wang M, Mei Y, Ryde U. Predicting Relative Binding Affinity Using Nonequilibrium QM/MM Simulations. *Journal of chemical theory and computation* 2019-04-22 [PMID: 30362750]

da Silva JNL, Ranzi AD, Carvalho CT et al. Cell Cycle Markers in the Evaluation of Bladder Cancer. *Pathology oncology research : POR* 2020-12-11 [PMID: 29524168]

Rao D, Ferguson R, Sikora M. WNT4 and WNT3A activate cell autonomous Wnt signaling independent of secretion *J Biol Chem* 2019-11-20 [PMID: 31740580]

Yang C, Danielson EW, Qiao T et al. Mutant PFN1 causes ALS phenotypes and progressive motor neuron degeneration in mice by a gain of toxicity. *Proc. Natl. Acad. Sci. U.S.A.* 2016-10-11 [PMID: 27681617] (ICC/IF, IF/IHC, Mouse)

Walter D, Hoffmann S, Komseli ES et al. SCF(Cyclin F)-dependent degradation of CDC6 suppresses DNA re-replication. *Nat Commun.* 2016-01-28 [PMID: 26818844] (ICC/IF, WB)

Ghosh S, Wu MD, Shafteel SS et al. Sustained interleukin-1beta overexpression exacerbates tau pathology despite reduced amyloid burden in an Alzheimer's mouse model. *J Neurosci* 2013-03-13 [PMID: 23486975] (ICC/IF, IHC-Fr)

Patino, GA et al. Voltage-Gated Na<sup>+</sup> Channel  $\beta$ 1B: A Secreted Cell Adhesion Molecule Involved in Human Epilepsy. *J Neurosci* 31: 14577-91. 2011-01-01 [PMID: 21994374]

Gallazzini, M et al. High NaCl-induced activation of CDK5 increases phosphorylation of the osmoprotective transcription factor TonEBP/OREBP at threonine 135, which contributes to its rapid nuclear localization. *Mol Biol Cell* 22: 703-14. 2011-01-01 [PMID: 21209322]

More publications at <http://www.novusbio.com/NB100-62264>





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### **Products Related to NB100-62264**

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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]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

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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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