

Product Datasheet

Measles nucleoprotein Antibody NB100-1856

Unit Size: 0.1 ml

Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.

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NB100-1856**Measles nucleoprotein Antibody**

Product Information	
Unit Size	0.1 ml
Concentration	This product is unpurified. The exact concentration of antibody is not quantifiable.
Storage	Aliquot and store at -20C or -80C. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	No Preservative
Reconstitution Instructions	Lyophilized powder, reconstituted in distilled water.
Isotype	IgG
Purity	Unpurified
Buffer	Antiserum
Target Molecular Weight	60 kDa
Product Description	
Host	Rabbit
Species	Human, Mouse, Virus
Reactivity Notes	Reacts with Measles virus (Paramyxovirus). Human reactivity reported in scientific literature (PMID: 24646176). Mouse reactivity reported in scientific literature (23380817).
Specificity/Sensitivity	Reacts with specifically with 60 kDa measles nucleoprotein
Immunogen	Recombinant full length protein.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:200-1:1000, ELISA 1:2000-1:10000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100 - 1:500 , Immunohistochemistry-Paraffin
Application Notes	Use in IHC reported in scientific literature (PMID: 29367943). Use in IHC-P reported in multiple pieces of scientific literature.



Publications

Lal S, Raffel C. Using Cystine knot Proteins as a Novel Approach to Retarget Oncolytic Measles Virus. *Molecular Therapy-Oncolytics*. [PMID: 29367943] (IF/IHC, Human)

Studebaker AW, Hutzen B, Pierson CR et al. Oncolytic measles virus efficacy in murine xenograft models of atypical teratoid rhabdoid tumors *Neuro-oncology* 2015-04-02 [PMID: 25838138] (IHC-P, Human)

Rennick LJ, de Vries RD, Carsillo TJ et al. Live-attenuated measles virus vaccine targets dendritic cells and macrophages in the muscle of non-human primates. *J. Virol.* 2014-12-03 [PMID: 25473055] (IHC-P, Virus)

Details:

Rubeola (Measles) Nucleoprotein antibody used for IHC-P with dual indirect immunofluorescence detection on formalin-fixed muscle tissue sections from macaque/monkey (MV-seronegative cynomolgus macaques /*Macaca fascicularis*) infected with rMVEZEGFP(3) (animal EZ26 at 3 d.p.i.). Immunostaining images are shown in FIG 4C and 4D.

Hutzen Brian, Bid Hemant Kumar, Houghton Peter J et al. Treatment of medulloblastoma with oncolytic measles viruses expressing the angiogenesis inhibitors endostatin and angiostatin. *BMC Cancer*. 2014-03-19 [PMID: 24646176] (IHC-P, Human, Virus)

Friedrich K, Hanauer JR, Prufer S et al. DARPin-targeting of Measles Virus: Unique Bispecificity, Effective Oncolysis, and Enhanced Safety. *Mol Ther* 2013-02-05 [PMID: 23380817] (IHC-P, Mouse)

Hutzen B, Pierson CR, Russell SJ et al. Treatment of medulloblastoma using an oncolytic measles virus encoding the thyroidal sodium iodide symporter shows enhanced efficacy with radioiodine *BMC Cancer* 2012-11-07 [PMID: 23134812] (IF/IHC, Mouse)

Iwasaki M, Takeda M, Shirogane Y et al. The Matrix Protein of Measles Virus Regulates Viral RNA Synthesis Assembly by Interacting with the Nucleocapsid Protein. *J Virol* :JVI01056-01009. 2009-01-01 [PMID: 19656884]

Studebaker AW, Hutzen B, Pierson CR, Russell SJ, Galanis E, Raffel C. Oncolytic measles virus prolongs survival in a murine model of cerebral spinal fluid-disseminated medulloblastoma. *Neuro Oncol.* 2012-02-03 [PMID: 22307474]





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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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