

# Product Datasheet

## Meta-Pneumovirus Antibody (HMPV123) - BSA Free NBP1-21631-0.025mg

Unit Size: 0.025 mg

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

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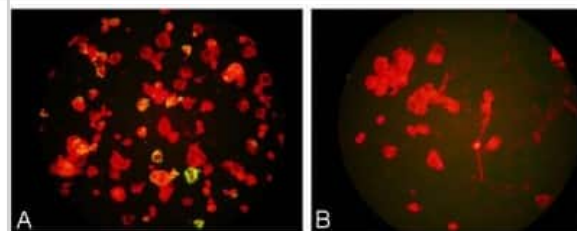
**NBP1-21631-0.025mg**

Meta-Pneumovirus Antibody (HMPV123) - BSA Free

<b>Product Information</b>	
<b>Unit Size</b>	0.025 mg
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	HMPV123
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG2a
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse Meta-Pneumovirus Antibody (HMPV123) - BSA Free (NBP1-21631) is a monoclonal antibody validated for use in WB, ELISA and ICC/IF. Anti-Meta-Pneumovirus Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	2799942
<b>Gene Symbol</b>	GLYG
<b>Species</b>	Virus
<b>Specificity/Sensitivity</b>	NBP1-21631 recognises the nucleoprotein of all sub-types (A1, A2, B1 and B2) of hMPV. NBP1-21631 does not cross-react with cell cultures infected with hRSV, influenzaviruses A and B, adenovirus, parainfluenza viruses 1, 2, 3 and 4b, mumps virus, measles virus, varicella-zoster virus, herpes simplex virus types 1 and 2, human cytomegalovirus, human herpesvirus type 6, ECHOvirus 19, Coxsachievirus B4, poliovirus types 1-3, HHV6 or uninfected HeLa, MA104, 3MK, LLC-MK, HEp2, MRC-5 and HSB-2 cells. It also does not react with sputum bacteria.
<b>Immunogen</b>	Sub-type A hMPV virus isolate NCL03-4/145
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunocytochemistry/ Immunofluorescence
<b>Recommended Dilutions</b>	Western Blot 1:200-1:500, Immunocytochemistry/ Immunofluorescence 1:40-1:80
<b>Application Notes</b>	Flow Cytometry reactivity per customer review.

## Images

Immunocytochemistry/Immunofluorescence: Meta-Pneumovirus Antibody (HMPV123) [NBP1-21631] - A Newcastle strain of HMPV grown on LLC MK cells and non infected cells stained with Mouse anti Metapneumovirus, NBP1-21631, and counterstained with Evans Blue.



## Publications

Kumari S, Crim RL, Kulkarni A, Audet SA. Development of a Luciferase Immunoprecipitation Systems Assay to Detect IgG Antibodies Against Human Respiratory Syncytial Virus Nucleoprotein. Clin Vaccine Immunol 2014-01-10 [PMID: 24403526]

Chang A, Masante C, Buchholz UJ et al. Human metapneumovirus (HMPV) binding and infection are mediated by interactions between the HMPV fusion protein and heparan sulfate. J Virol. 2012-03-01 [PMID: 22238303] (ELISA, Virus)

Fenwick, F et al. Diagnosis of human metapneumovirus by immunofluorescence staining with monoclonal antibodies in the North-East of England. J Clin Virol 40: 193-196. 2007-01-01 [PMID: 17869169]



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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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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