

Mouse METAPNEUMOVIRUS Monoclonal Antibody

MOUSE ANTI METAPNEUMOVIRUS

CATALOG # AAA49748	HOST Mouse	APPLICATIONS Immunofluorescence
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PRODUCT SYNONYMS

METAPNEUMOVIRUS; Monoclonal Antibody; MOUSE ANTI METAPNEUMOVIRUS; anti-METAPNEUMOVIRUS antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a
Clone Number	HMPV24
Form/Format	Purified Purified IgG - liquid
Concentration	IgG concentration 1.0mg/ml (varies by lot)
Applicable Applications for anti-METAPNEUMOVIRUS antibody	IF (Immunofluorescence)
Perservative Stabilisers	0.09% Sodium Azide (NaN ₃)
Preparation	Purified IgG prepared by affinity chromatography on Protein G from tissue culture supernatant
Immunogen	Sub-type A hMPV virus isolate NCL03-4/145
Buffer Solution	Phosphate buffered saline
Target Species	Viral
Preparation and Storage	Store at 4 degree C or at -20 degree C if preferred. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use. Shelf Life: 18 months from date of despatch.

IMAGES



Application Data

A Newcastle strain of HMPV grown on LLC MK cells (A) and non infected cells (B) stained with Mouse anti Metapneumovirus, AAA49748 (green), and counterstained with Evans Blue (red)

ADDITIONAL INFORMATION

Related Product Information for anti-METAPNEUMOVIRUS antibody	Mouse anti Metapneumovirus antibody, clone HMPV24 recognizes human metapneumovirus (hMPV), a member of the Paramyxoviridae RNA virus family. Metapneumovirus was discovered in 2001 and is distributed worldwide. Infection in the upper respiratory tract is associated with mild illness, while lower respiratory tract infection can cause fever, cough, pneumonia, bronchiolitis and wheezing. Severe lower respiratory tract infection is most common in the very young, the very old and the immunosuppressed. Metapneumovirus is a common cause of respiratory infection. Phylogenetic analysis has shown two major genotypes, A and B, each containing two sub-divisions, suggesting that four distinct lineages circulate in the population with different lineages predominating in different years. Mouse anti Metapneumovirus antibody, clone HMPV24 recognizes the fusion protein of all sub-types (A1, A2, B1 and B2) of hMPV and may be used in conjunction with clones HMPV57, HMPV123 and HMPV33 to detect all strains of hMPV. Mouse anti Metapneumovirus antibody, clone HMPV24 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.
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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/metapneumovirus-antibody-clone-hmpv24-immunofluorescence-elisa/49748>