

Datasheet for ABIN1820026 **anti-Meta-Pneumovirus antibody**



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Overview

Quantity:	0.2 mg
Target:	Meta-Pneumovirus (HMPV123)
Reactivity:	Human Metapneumovirus (HMPV), Virus
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Meta-Pneumovirus antibody is un-conjugated
Application:	Immunofluorescence (IF), Immunohistochemistry (IHC)

Product Details

Immunogen:	Sub-type A hMPV virus isolate NCL03-4/145. Type of Immunogen: Virus
Clone:	HMPV123
Isotype:	IgG2a
Specificity:	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

Product Details

years. The antibody recognizes the nucleoprotein of all sub-types (A1, A2, B1 and B2) of hMPV and may be used in conjunction with, and to detect all strains of hMPV. The antibody 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, Coxsackievirus 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.

Purification: Protein G purified

Target Details

Target: Meta-Pneumovirus (HMPV123)

Alternative Name: HMPV / Metapneumovirus ([HMPV123 Products](#))

Target Type: Virus

Application Details

Application Notes: Approved: IF (1:40 - 1:80), IHC

Comment: Target Species of Antibody: Metapneumovirus

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: Lot specific

Buffer: PBS, 0.09 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freezing and thawing.

Storage: 4 °C,-20 °C

Storage Comment: 4°C or -20°C, Avoid freeze-thaw cycles.