



MOUSE ANTI-HUMAN METAPNEUMOVIRUS MONOCLONAL ANTIBODY

CATALOG NUMBER:	MAB80120	QUANTITY:	100 μ L
LOT NUMBER:		CONCENTRATION:	1 mg/mL
CLONE NAME:	8	HOST/ISOTYPE:	Ms/IgG ₁
BACKGROUND:	Human metapneumovirus (hMPV) is a member of the pneumovirinae subfamily of paramyxoviruses, first described in 2001 from pediatric respiratory specimens in the Netherlands. It is an enveloped pleomorphic virus with a single negative-strand RNA genome. Two major serotypes, A and B, have been described. Several studies identified hMPV in specimens worldwide, and estimated that by age 5 years 70% of children have developed antibodies to hMPV.		
SPECIFICITY:	Reactive with sub-types A1, A2, B1, and B2. Specific to the fusion protein.		
APPLICATIONS:	ELISA FACS Optimal dilutions must be determined by end user.		
SPECIES REACTIVITY:	Human, other species have not been verified.		
FORMAT:	Purified immunoglobulin		
PRESENTATION:	Liquid in 0.02M PB with 0.25M NaCl, pH 7.6. Contains 0.1% sodium azide.		
STORAGE/HANDLING:	Store at 2° to 8°C for up to 12 months from date of receipt.		
REFERENCES:	Boivin <i>et al.</i> (2003). <i>Emerg Infect Dis.</i> 9 :634-40 Esper <i>et al.</i> (2003). <i>Pediatrics.</i> 111 :1407-10 Maggi <i>et al.</i> (2003). <i>J Clin Microbiol.</i> 41 :2987-2991 van den Hoogen, B. G. <i>et al.</i> (2001). <i>Nat. Med.</i> 7 :719-724. van den Hoogen, B. G. <i>et al.</i> (2002). <i>Virology</i> 295 :119-132.		

Important Note: *During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 μ L or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.*

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PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION**

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