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12-8541: Anti-Human Metapneumovirus (hMPV) (Clone 5E5)

Clonality :	Monoclonal
Clone Name :	5E5
Application :	ELISA
Reactivity :	Human
Isotype :	Mouse IgG1
Immunogen Information :	hMPV

Description

Specificity
Mouse Monoclonal Antibody specific to Human Metapneumovirus (hMPV)

Background
Human metapneumovirus (hMPV), like human respiratory syncytial virus (RSV), is classified in the Pneumovirinae subfamily of the Paramyxoviridae family. However, hMPV is most closely genetically related to avian meta- pneumovirus (formerly called turkey rhinotracheitis virus). These two viruses are classified in the genus Metapneumovirus, with hMPV the first in this genus to cause disease in humans. Human metapneumovirus can cause upper and lower respiratory tract infections in people of all ages. Upper respiratory tract infections include colds, while lower respiratory tract infections include pneumonia or bronchitis.

Product Info

Amount :	100 µg
Purification :	Preparation: Purified by Protein A affinity chromatography
Content :	Formulation: Lyophilized, 0.1M Tris, 0.1M glycine, 2% sucrose, 1mg/ml. (Reconstitute in distilled water.
Storage condition :	This product is stable for at least one (1) year at -20°C to -70°C. Reconstituted product should be stored in appropriate aliquots to avoid repeated freeze-thaw cycles.

Application Note

ELISA: use at 0.1-1.0ug/ml

Immunoblotting:

User should use at 1-5ug/ml.

Immunofluorescence: use at 2-10ug/ml on virus-infected cells.

These are recommended concentrations.

For Research Use Only. Not for use in diagnostic/therapeutics procedures.