

Human Metapneumovirus (hMPV) Monoclonal Antibody

ORDERING INFORMATION

Catalog No.: 90017 (clone 5E5)

Format: 100 µg, Protein A-purified, lyophilized, 0.1M Tris, 0.1M glycine, 2% sucrose, 1mg/ml.

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.

SPECIFICATION SUMMARY

Antigen: hMPV.

Host species: Mouse.

Antibody Class: IgG1.

Preservative: None.

SPECIFICITY

This antibody reacts with human metapneumovirus. The specific epitope has not been identified.

APPLICATIONS

ELISA: use at 0.1-1.0ug/ml.

Immunoblotting: use at 1-5ug/ml.

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

These are recommended concentrations. Enduser should determine optimal concentrations for their applications.

RECONSTITUTION

Reconstitute in distilled water.

STORAGE AND STABILITY

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.

For in vitro investigational use only. Not for use in therapeutic or diagnostic procedures.