SANTA CRUZ BIOTECHNOLOGY, INC.

Parainfluenza Virus type 2 (1241): sc-57958



The Power to Overtin

BACKGROUND

Human parainfluenza viruses belong to the paramyxovirus family and are pleomorphic viruses whose envelope is derived from the last host cell they infected. They comprise a group of four distinct serotypes of single-stranded RNA viruses. Human Parainfluenza Virus type 1 is the most common cause of croup and other upper and lower respiratory tract illnesses. Human Parainfluenza Virus type 2 infections usually follow type 1 infections and also cause croup, other upper and lower respiratory tract illnesses, and may cause aseptic meningitis and parotitis. Human Parainfluenza Virus type 2 forms filamentous particles in virus-infected, polarized epithelial cells. Human Parainfluenza Virus type 3 infections are associated with pneumonia as well as bronchiolitis and typically last longer than type 1 and 2 infections. Human Parainfluenza Virus type 4 is one of the rubulaviruses that has a V protein with a highly conserved cysteine-rich domain characteristic of paramyxovirus V proteins. It is the only paramyxovirus that cannot evade the IFN-induced antiviral responses.

REFERENCES

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SOURCE

Parainfluenza Virus type 2 (1241) is a mouse monoclonal antibody raised against Parainfluenza Virus type 2.

PRODUCT

Each vial contains 100 μg lgG_{2a} in 1.0 ml of PBS with <0.1% sodium azide and 0.1% gelatin.

APPLICATIONS

Parainfluenza Virus type 2 (1241) is recommended for detection of Parainfluenza Virus type 2 by immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500); non cross-reactive with Parainfluenza virus types 1 and 3.

STORAGE

Store at 4° C, **DO NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.

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