



Coronavirus surface antigen (4C1): sc-70873

BACKGROUND

Coronavirus is a genus of animal virus that belongs to the family *Coronaviridae*. Coronaviruses are enveloped viruses with a positive-sense single-stranded RNA genome and a helical symmetry that resemble a crown when viewed under an electron microscope. They primarily infect the upper respiratory and gastrointestinal tract of mammals and birds. Four or five different known strains of *Coronavirus* infect humans and are thought to be the cause of many common colds. The most publicized human *Coronavirus*, SARS-CoV, causes both upper and lower respiratory tract infections and can also cause gastroenteritis.

REFERENCES

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STORAGE

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

SOURCE

Coronavirus surface antigen (4C1) is a mouse monoclonal antibody raised against bovine *Coronavirus*.

PRODUCT

Each vial contains 100 µg IgG₁ in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

APPLICATIONS

Coronavirus surface antigen (4C1) is recommended for detection of surface antigen of bovine *Coronavirus* origin by solid phase ELISA (starting dilution 1:30, dilution range 1:30-1:3000).

RESEARCH USE

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

PROTOCOLS

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