



Coronavirus surface antigen (5A4): sc-51839

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.

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SOURCE

Coronavirus surface antigen (5A4) 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 (5A4) 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).

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.