

Adenovirus-7 C11 (1-N-14): sc-52364

BACKGROUND

Adenoviruses are viruses of the family Adenoviridae which infect the membranes of the respiratory tract, eyes, intestines, and urinary tract and are a frequent cause of diarrhea. They infect both humans and animals. Adenovirus-7 (Ad7) is the adenovirus species that most frequently has been associated with severe illness. There are seven distinct genome types of Adenovirus-7, Ad7p, Ad7a, Ad7b, Ad7c, Ad7d, Ad7e, and Ad7f, have been identified. The low percentage (2%) of Ad7 isolates among all adenovirus isolates chiefly from patients, coupled with 30 to 50% antibody prevalence, argues for a high proportion of inapparent infections and, hence, Ad7 strain(s) of low pathogenicity.

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.

RESEARCH USE

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

SOURCE

Adenovirus-7 C11 (1-N-14) is a mouse monoclonal antibody raised against purified type 7 hexon C11 of adenovirus origin.

PRODUCT

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

APPLICATIONS

Adenovirus-7 C11 (1-N-14) is recommended for detection of adenovirus 7 hexon C11 antigen of adenovirus type 7 origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000) and immunoprecipitation [1-2 µg per 100-500 µg of total protein (1 ml of cell lysate)].

Molecular Weight of Adenovirus-7 C11: 117 kDa.

PROTOCOLS

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