Adenovirus (DV4-1A): sc-65652



The Power to Question

BACKGROUND

Adenoviruses are non-enveloped icosahedral viruses of the family *Adenoviridae* that contain a double-stranded, linear, non-segmented DNA genome. The Adenovirus life cycle is separated by the DNA replication process into two phases: an early and a late phase. The early phase genes are responsible for expressing mainly nonstructural, regulatory proteins. The late phase of the Adenovirus life cycle is focused on producing sufficient quantities of structural protein to pack all the genetic material produced by DNA replication. Adenovirus infection in humans is usually characterized by illness of the respiratory system, however, depending on the infecting serotype, they may also cause various other symptoms, such as gastroenteritis, conjunctivitis, cystitis and rash. About 47 different types of adenoviruses have been identified, and about half of them are believed to cause human diseases. Infants and children are most commonly affected by adenoviruses.

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RESEARCH USE

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

SOURCE

Adenovirus (DV4-1A) is a mouse monoclonal antibody raised against Adenovirus type 2.

PRODUCT

Each vial contains 100 μg lgG_1 in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

APPLICATIONS

Adenovirus (DV4-1A) is recommended for detection of Adenovirus type 2 by immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500).

STORAGE

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

PROTOCOLS

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

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