



Adenovirus 1 hexon E11 (1-M-13): sc-52365

BACKGROUND

Adenoviruses are viruses of the family *Adenoviridae* which infect the membranes of the respiratory tract, the eyes, the intestines and the urinary tract and are a frequent cause of diarrhea. They infect both humans and animals. Adenoviruses capsids have three principal protein components: the hexon, the penton and the fiber. Hexon protein is a major coat protein of Adenoviruses and consists of a triangular top with three towers of density that are superimposed on a more bulky pseudo hexagonal base. The symmetry of the top is in accord with the trimeric nature of hexon, but that of the base derives from the molecular function, which is to provide a densely packed impenetrable protective outer layer for the virion.

REFERENCES

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SOURCE

Adenovirus 1 hexon E11 (1-M-13) is a mouse monoclonal antibody raised against purified Adenovirus type 1.

PRODUCT

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

APPLICATIONS

Adenovirus 1 hexon E11 (1-M-13) is recommended for detection of type 1 hexon 11 of Adenovirus type 1 origin by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000), immunoprecipitation [1-2 µg per 100-500 µg of total protein (1 ml of cell lysate)] and immunofluorescence (starting dilution 1:50, dilution range 1:50-1:500).

Molecular Weight of Adenovirus 1 hexon E11: 58 kDa.

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.