**BACKGROUND**

Hexon protein is a major coat protein of adenoviruses. Adenovirus capsids have three principal protein components: the hexon, the penton and the fiber. Three hexon protein subunits join together forming two major adenoviral coat structures of differing symmetry. A triangular top with three towers of density is superimposed on a bulky pseudo-hexagonal base. The shape of the top is indicative of the trimeric composition of the structure, while that of the base imparts molecular function, which is to provide a densely packed impenetrable protective outer layer for the virion. Research indicates that the Adenovirus hexon protein may be a potent adjuvant for activation of a cellular immune response.

**REFERENCES**


**SOURCE**

Adenovirus hexon protein (1E11) is a mouse monoclonal antibody raised against hexon antigen of Adenovirus origin.

**PRODUCT**

Each vial contains 100 µg IgG2a/IgM in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.