Product datasheet

Anti-Adenovirus hexon protein antibody [8C4] ab8249

Overview

Product name  Anti-Adenovirus hexon protein antibody [8C4]
Description  Mouse monoclonal [8C4] to Adenovirus hexon protein
Host species  Mouse
Specificity  Not tested with adenovirus type 5.
Tested applications  Suitable for: Sandwich ELISA, ELISA, Immunodiffusion, Flow Cyt, ICC
Species reactivity  Reacts with: Other species
Immunogen  Hexon antigen of human adenovirus
Positive control  adenovirus-infected cells
General notes  Abcam is committed to meeting high quality standards of ethical manufacturing and has decided to discontinue this product by June 2020 as it has been generated by the ascites method. We are sorry for any inconvenience this may cause. We suggest ab252760 as a possible replacement.

Properties

Form  Liquid
Storage instructions  Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Storage buffer  PBS with 0.1% sodium azide, pH 7.4
Purity  Ascites
Purification notes  Purified from ascites.
Clonality  Monoclonal
Clone number  8C4
Isotype  IgG2a
Light chain type  unknown

Applications

Our Abpromise guarantee covers the use of ab8249 in the following tested applications.
The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
Relevance
Hexon protein is a major coat protein of adenoviruses. Adenoviruses capsids have three principal protein components: the hexon, the penton, and the fiber. Hexon consists of three subunits together forming two major components of different morphological symmetry. A triangular top with three towers of density is 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.

Cellular localization
Major coat protein of adenoviruses.

Images
Ab8249 (1/1000) positively staining methanol fixed Hek293 cells infected with Adenovirus serotype 5.

Secondary: Goat anti mouse HRP (1/1000), incubation was carried out for 1 hr at room temperature.

Detection system: DAB

Negative Control: Non transfected Hek293 cells

This image is courtesy of an Abreview submitted on 25 October 2005. We do not have any further information relating to this image.

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