

Monoclonal Antibody to Adenovirus (Hexon) - FITC

Alternate names:	Adenovirus Hexon
Catalog No.:	BM3301F
Quantity:	0.1 mg
Concentration:	100 µg/ml (OD280nm, E0.1% = 1.4)
Background:	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.
Host / Isotype:	Mouse / IgG1
Clone:	BIOD604
Immunogen:	Purified Adenovirus hexon
Format:	State: Liquid Purification: Protein A purified IgG fraction Buffer System: 0.01M PBS, pH 7.2, containing 0.09 % as preservative and 10mg/ml BSA as stabilizer Label: FITC – Fluorescein -Isothiocyanate Isomer I
Applications:	Applications for these products include direct FA staining of target antigen in a permissive tissue culture system. Functions in IFA & ELISA. Suggested starting ranges are 1:5 - 1:20 is recommended. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	Specific for the hexon group antigen of Adenovirus. Known reactivity with at least 17 serotypes of Adenovirus (Types 1, 3, 5, 6, 7, 8, 10, 13, 14, 18, 31, 40 and 41).
Storage:	Store the antibody undiluted at 4 - 8 °C for one month or at -20 °C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com