

BM3301**Monoclonal Antibody to Adenovirus (Hexon) - Purified**

Quantity:	1 mg
Concentration:	100ug/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
Recommended Isotype Controls:	AM03095PU-N
Clone:	BIOD604
Immunogen:	Purified Adenovirus hexon
Format:	State: Liquid Ig fraction Purification: Protein A chromatography Buffer System: 0.01M PBS, pH 7.2, containing 0.09 % as preservative. This product contains no stabilizing proteins.
Applications:	Suitable for use in ELISA and IFA (acetone-fixed cells). Not recommended with methanol-fixed cells. Recommended pair for sandwich immunoassay: Capture BM3186 Detection BM3301 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:	Upon receipt, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles. Shell life: one year from despatch.