

Product datasheet for **BM3301F**

Adenovirus (Hexon) Mouse Monoclonal Antibody [Clone ID: BIOD604]

Product data:

Product Type:	Primary Antibodies
Clone Name:	BIOD604
Applications:	IF
Recommended Dilution:	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.
Reactivity:	Adeno-associated Virus 1, Adeno-associated Virus 3, Adeno-associated Virus 5, Adeno-associated Virus 6, Adeno-associated Virus 7, Adeno-associated Virus 8, Adeno-associated Virus 10, Adeno-associated Virus 13, Adeno-associated Virus 14, Adeno-associated Virus 18, Adeno-associated Virus 31, Adeno-associated Virus 40, Adeno-associated Virus 41
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified Adenovirus hexon
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).
Formulation:	0.01M PBS, pH 7.2, containing 0.09 % as preservative and 10mg/ml BSA as stabilizer Label: FITC State: Liquid Label: Fluorescein -Isothiocyanate Isomer I
Concentration:	lot specific
Purification:	Protein A purified IgG fraction
Conjugation:	FITC
Storage:	Store the antibody undiluted at 4 - 8 °C for one month or at -20 °C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.



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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.