

Product datasheet for **BM3301**

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

Product data:

Product Type:	Primary Antibodies
Clone Name:	BIOD604
Applications:	ELISA, IF
Recommended Dilution:	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
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. This product contains no stabilizing proteins. State: Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Protein A chromatography
Conjugation:	Unconjugated
Storage:	Upon receipt, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles. Shell 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.