

Monoclonal Antibody to Adeno-Associated Virus 5 / AAV5 (intact particle) - Aff - Purified

Alternate names:	AAV-5
Catalog No.:	BM5095
Quantity:	50 µg
Host / Isotype:	Mouse / IgG2a
Clone:	ADK5a
Immunogen:	Adeno-associated virus type 5 (AAV-5) capsid proteins and virus particles
Format:	State: Lyophilized purified Ig fraction Purification: Affinity Chromatography on Protein A Buffer System: PBS or Tris-buffered saline Preservatives: 0.09% Sodium Azide Stabilizers: 0.5% BSA Reconstitution: Restore with 1 ml distilled water
Applications:	ELISA. Immunoprecipitation: 1/5. Neutralization assay. Affinity Chromatography. Immunohistochemistry (Overnight at 2-8°C). Immunofluorescence Microscopy: 1/20 (Overnight at 2-8°C). Not Suitable for Immunoblotting. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	For characterization of different stages of infection and very useful for the analysis of the AAV assembly process. ADK5a specifically reacts with intact adeno-associated virus particles, empty and full capsids . Recognizes a conformational epitope of assembled capsids, not present in denatured capsid proteins and native but unassembled capsid proteins. Species: Human, Monkey. Other species not tested.
Storage:	Prior to and following reconstitution store the antibody at 2-8°C. Shelf life: one year from despatch.
General Readings:	1. Kuck D, Kern A, Kleinschmidt JA. Development of AAV serotype-specific ELISAs using novel monoclonal antibodies. J Virol Methods. 2007 Mar;140(1-2):17-24. Epub 2006 Nov 28. PubMed PMID: 17126418.