

BM5094B**Monoclonal Antibody to Adeno-Associated Virus 4 / AAV4 (intact particle) - Biotin**

Alternate names:	AAV-4
Quantity:	0.25 ml
Concentration:	20 µg/ml
Host / Isotype:	Mouse / IgG2a
Recommended Isotype Controls:	AM03096PU-N
Clone:	ADK4
Immunogen:	Adeno-associated virus type 4 (AAV-4) capsid proteins and virus particles
Format:	State: Liquid purified Ig fraction Purification: Affinity Chromatography Preservatives: 0.09% Sodium Azide Label: Biotin
Applications:	ELISA. Immunohistochemistry. Not Suitable for Immunoblotting. <i>Dilution Buffer:</i> PBS or Tris-buffered saline. for ELISA use PBS with 0.05% Tween-20 <i>Working Dilutions:</i> 1/20 for ELISA (dilute immediately before use). <i>Incubation Time:</i> 1 h at 37°C For ELISA and overnight at 2-8°C for Immunohistochemistry or Immunofluorescence microscopy. 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 Specificity very useful for the analysis of the AAV assembly process. ADK4 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 Reactivity:	Tested: AAV-4, found in Human and Monkey.
Storage:	Store undiluted 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.