

**BM5094****Monoclonal Antibody to Adeno-Associated Virus 4 / AAV4 (intact particle) - Purified**

<b>Alternate names:</b>	AAV-4
<b>Quantity:</b>	50 µg
<b>Host / Isotype:</b>	Mouse / IgG2a
<b>Recommended Isotype Controls:</b>	AM03096PU-N
<b>Clone:</b>	ADK4
<b>Immunogen:</b>	Adeno-associated virus type 4 (AAV-4) capsid proteins and virus particles
<b>Format:</b>	<b>State:</b> Lyophilized purified Ig fraction <b>Purification:</b> Affinity Chromatography on Protein A <b>Buffer System:</b> PBS or Tris-buffered saline <b>Preservatives:</b> 0.09% Sodium Azide <b>Stabilizers:</b> 0.5% BSA <b>Reconstitution:</b> Restore with 1 ml distilled water.
<b>Applications:</b>	<b>ELISA.</b> <b>Immunoprecipitation:</b> 1/5. <b>Neutralization Assay.</b> <b>Affinity Chromatography.</b> <b>Immunohistochemistry</b> (Overnight at 2-8°C). <b>Immunofluorescence Microscopy:</b> 1/20 (Overnight at 2-8°C). <b>Not Suitable</b> for Immunoblotting. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
<b>Specificity:</b>	For characterization of different stages of infection and very useful for the analysis of the AAV assembly process. ADK4 specifically reacts with <b>intact adeno-associated virus particles, empty and full capsids</b> . Recognizes a conformational epitope of assembled capsids, not present in denatured capsid proteins and native but unassembled capsid proteins.
<b>Species Reactivity:</b>	<b>Tested:</b> AAV-4, found in Human and Monkey.
<b>Storage:</b>	Prior to and following reconstitution store the antibody at 2-8°C. Shelf life: one year from despatch.
<b>General Readings:</b>	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.