

BM5093**Monoclonal Antibody to Adeno-Associated Virus 1 / AAV1 (intact particle) - Purified****Alternate names:** AAV-1**Quantity:** 50 µg**Host / Isotype:** Mouse / IgG2a**Recommended Isotype Controls:** AM03096PU-N**Clone:** ADK1a**Immunogen:** Adeno-associated virus type 1 (AAV-1) capsid proteins and virus particles.**Format:** **State:** Lyophilized purified IgG fraction**Purification:** Affinity Chromatography on Protein A**Buffer System:** PBS containing 0.09% Sodium Azide and 0.5% BSA**Reconstitution:** Restore with 1 ml dist. water.**Applications:****ELISA.****Immunoprecipitation:** 1/5.**Affinity Chromatography.****Dot blot** (non-denaturing conditions).**Immunohistochemistry:** Overnight at 2-8°C.**Immunofluorescence Microscopy:** 1/20, Overnight at 2-8°C.**Dilution Buffer:** PBS or Tris-buffered saline.This antibody **cannot** be used in 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. ADK1a 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. Recognizes AAV-1, found in Human and Monkey. in Immunofluorescence Microscopy and Dot blot analysis cross-reactivity with AAV-6 was observed. No crossreaction with AAV type 2, 3, 4, 5

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.