

BM5095B**Monoclonal Antibody to Adeno-Associated Virus 5 / AAV5 (intact particle) - Biotin**

Alternate names: AAV-5
Quantity: 0.750 ml
Concentration: 10 µg/ml (after reconstitution)
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
Preservatives: 0.09% Sodium Azide
Label: Biotin
Reconstitution: Restore with 375 µl distilled water to a concentration of 10 µg/ml.

Applications: **ELISA.**
Immunohistochemistry.
Not Suitable for Immunoblotting.
Dilution Buffer: PBS or Tris-buffered saline. for ELISA use PBS with 0.05% Tween-20
Working Dilutions: After reconstitution with 375 µl distilled water, dilute 1/20 for ELISA (dilute immediately before use).
Incubation Time: 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.
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 Reactivity: **Tested:** Human, Monkey.

Storage: Prior to reconstitution store at 2-8°C.
Following reconstitution store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.
Avoid repeated freezing and thawing.
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.