

AM09121PU-N**Monoclonal Antibody to Adeno-Associated Virus 5 / AAV5 (intact particle) - Purified**

Alternate names: AAV-5
Quantity: 50 µg
Host / Isotype: Mouse / IgG2b
Recommended Isotype Controls: SM12P, AM03110PU-N
Clone: ADK5b
Immunogen: Adeno-associated virus type 5 (AAV-5) capsid proteins and virus particles.
Format: **State:** Lyophilized purified IgG fraction
Purification: Affinity Chromatography on Protein A
Buffer System: PBS
Preservatives: 0.09% Sodium Azide
Stabilizers: 0.5% BSA
Reconstitution: Restore with 1 ml distilled water

Applications: **Immunofluorescence Microscopy:** 1/20.
Immunohistochemistry.
Immunoprecipitation : 1/5.
ELISA.
Dilution Buffer: PBS or Tris-buffered saline
Incubation Time: Overnight at 2-8°C for use in 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 Specificity and very useful for the analysis of the AAV assembly process.
ADK5b specifically reacts with **intact** adenoassociated 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.
The antibody **cannot** be used for immunoblotting.

Species Reactivity: **Tested:** AAV-5, found in Human and Monkey.

Storage: Store lyophilized at 2-8°C for 6 months or at -20°C long term.
After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term.
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.