

AM32480SU-N**Monoclonal Antibody to Adeno-Associated Virus 9 / AAV9 (intact particle) - Supernatant**

Alternate names:	AAV-9
Quantity:	5 ml
Host / Isotype:	Mouse / IgA
Clone:	ADK9
Immunogen:	Recombinantly produced adeno-associated virus type 9 (AAV-9) vector, carrying GFP
Format:	State: Liquid Culture Supernatant Preservatives: 0.09% Sodium Azide
Applications:	ELISA. Immunofluorescence Microscopy. Immunohistochemistry: Ready-to-use. Dot blot (<i>non-denaturing conditions</i>). <i>Incubation Time:</i> Overnight at 2-8°C for use in Immunohistochemistry or Immunofluorescence Microscopy. Not Suitable for 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 Specificity and very useful for the analysis of the AAV assembly process. ADK9 specifically reacts with intact adeno-associated virus particles, empty and full capsids . Recognizes a conformational epitope of assembled capsids. In Immunofluorescence microscopy and Dot blot analysis no cross-reaction with AAV type 8 was observed.
Species Reactivity:	Tested: Specific for AAV-9, found in Human.
Storage:	Store undiluted at 2-8°C. Shelf life: one year from despatch.
General Readings:	1. Sonntag F, Köther K, Schmidt K, Weghofer M, Raupp C, Nieto K, et al. The assembly-activating protein promotes capsid assembly of different adeno-associated virus serotypes. <i>J Virol.</i> 2011 Dec;85(23):12686-97. doi: 10.1128/JVI.05359-11. Epub 2011 Sep 14. PubMed PMID: 21917944. 2. Mietzsch M, Grasse S, Zurawski C, Weger S, Bennett A, Agbandje-McKenna M, et al. OneBac: platform for scalable and high-titer production of adeno-associated virus serotype 1-12 vectors for gene therapy. <i>Hum Gene Ther.</i> 2014 Mar;25(3):212-22. doi: 10.1089/hum.2013.184. Epub 2014 Jan 23. PubMed PMID: 24299301.