Anti-AAV8
(Adeno-Associated Virus 8), intact particles

Catalog No. 652160
Quantity 100 µl

Source mouse monoclonal, IgG2a, kappa
Clone ADK8
Immunogen adeno-associated virus type 8 (AAV8) capsid proteins and virus particles
Reactivity specific for AAV-8, found in monkey.
Published reactivity: no cross-reaction with other AAV types in IF microscopy.
With dot blot weak cross-reactivity with type 1, 3, 7 and 10 (see reference 1).

Purification hybridoma culture supernatant concentrate
Conjugate unconjugated
Formulation contains 0.09% sodium azide
Storage short term at 2 – 8 °C; long term storage in aliquots at -20 °C; avoid freeze/thaw cycles

Tested Applications
IF assay dependent
IP assay dependent
ELISA assay dependent
Neutralization assays assay dependent
IHC (FFPE) 1:20 (microwave treatment recommended)
IHC (frozen) 1:20
Dot blot assay dependent (non-denaturing conditions)

Background
For characterization of different stages of infection and very useful for the analysis of the AAV assembly process. ADK8 specifically reacts with intact adeno-associated virus particles, empty and full capsids. Recognizes a conformational epitope of assembled capsids. Predicted binding site: residues 586-LQQQNT-591 (see reference 2). The antibody cannot be used for immunoblotting using denaturing conditions.
References


