Product datasheet

anti-AAV2 Replicase mouse monoclonal, 76.3, lyophilized, purified

Short overview

Cat. No.	61073
Quantity	100 µg
Concentration	100 µg/ml after reconstitution with 1 ml dist. water

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG1
Clone	76.3
Immunogen	Recombinant AAV2 Rep78 protein, N-terminally truncated by 171 aa
Formulation	Lyophilized; reconstitute in 1 ml dist. water (final solution contains 0.09% sodium azide, 0.5% BSA in PBS buffer, pH 7.4)
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage before reconstitution	2-8°C until indicated expiry date
Storage after reconstitution	Up to 3 months at 2-8°C; long term storage in aliquots at -20°C; avoid freeze/thaw cycles
Intended use	Research use only
Application	ICC/IF, IP, WB
Reactivity	AAV2

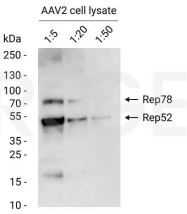
Applications

Immunocytochemistry (ICC)	1:10
Immunoprecipitation (IP)	Assay dependent
Western Blot (WB)	1:100-1:1,000 (0.1-1 µg/ml)

Background

Mab 76.3 reacts with Rep proteins (Rep78 and Rep52) of human AAV2-infected cells, does not react with Rep68 and Rep40. Four Rep proteins (Rep78, Rep68, Rep52 and Rep40) are expressed in different concentrations during infection.

Product images



Western blot analysis of AAV2 replicase (sample: filled AAV2 expressing HEK cell lysate). The PVDF membrane was blocked with 5% dry milk in PBST (PBS + 0.1% Tween 20) for 1 h at RT. The primary antibody anti-AAV2 Replicase mouse monoclonal, 76.3 (Cat. No. 61073) was diluted in blocking buffer (antibody concentration 100 ng/ml) and incubated for 1 h at RT. The secondary antibody goat anti-mouse IgG HRP was also diluted in blocking buffer (antibody concentration 200 ng/ml) and incubated for 1 h at RT. The bands were visualized by chemiluminescent detection using Pierce ECL Plus Western Blotting Substrate.

References

Publication	Species	Application
Urabe, M. et al. Charged-to-Alanine Scanning Mutagenesis of the N-Terminal Half of Adeno-Associated Virus Type 2 Rep78 Protein. J. Virol. 73, 2682â€“2693 (1999).	AAV2	WB
Wistuba, A. et al. Subcellular Compartmentalization of Adeno-Associated Virus Type 2 Assembly. J. Virol. 71, 1341â€“1352 (1997).	AAV2	ICC-IF
Wistuba, A., Weger, S., Kern, A., Rgen, J. & Kleinschmidt, A. Intermediates of Adeno-Associated Virus Type 2 Assembly: Identification of Soluble Complexes Containing Rep and Cap Proteins. J. Virol. 69, 5311â€“5319 (1995).	AAV2	WB