Product datasheet

anti-AAV2 (intact particle) mouse recombinant, A20R, Biotin Conjugate

Short overview

Cat. No.	615298
Quantity	750 µl

Product description

Host	Mouse
Antibody Type	Recombinant
Isotype	IgG1
Clone	A20R
Immunogen	AAV2 capsids
Formulation	Lyophilized; reconstitute in 750 µl sterile PBS
Synomym	Adeno-associated virus 2; AAV-2
Conjugate	Biotin
Purification	Affinity chromatography
Storage before reconstitution	2-8°C until indicated expiry date
Storage after reconstitution	2-8°C
Intended use	Research use only
Application	Dot blot, ELISA
Reactivity	AAV2, AAV2 7m8, AAV3, Anc80
No reactivity	AAV1, AAV11, AAV12, AAV4, AAV5, AAV6, AAV7, AAV8, AAV9, AAVDJ, AAVrh10, AAVrh74

Applications

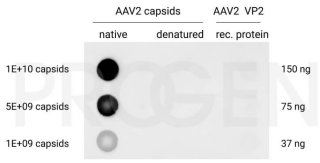
Dot Blot	1:100 (0.5 µg/ml; non-denaturing conditions)
ELISA	1:20

Background

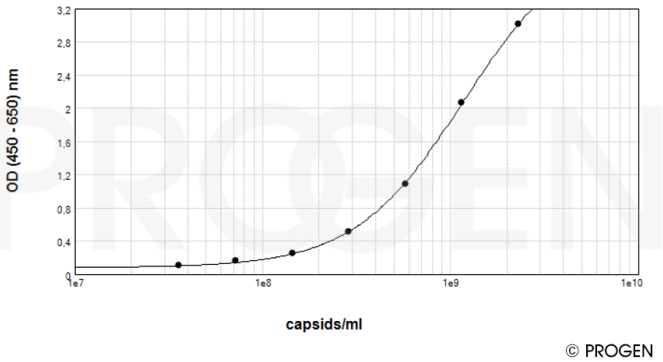
For characterization of different stages of infection and very useful for the analysis of the AAV2 assembly process. A20R specifically reacts with intact AAV2, AAV3 and Anc80 particles, empty and full capsids. Recognizes a conformational epitope of assembled capsids, not present in denatured capsid proteins and native but unassembled capsid proteins. The A20R antibody recognizes the same epitope as the A20 antibody (Cat. No. 61055).

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Product images



Dot blot analysis of native AAV2 capsids (1E+09-1E+10 capsids), denatured AAV2 capsids (1E+09-1E+10 capsids, denatured for at 95°C for 10 min in sample buffer) and recombinant AAV2 VP2 protein (37-150 ng).The nitrocellulose membrane was blocked with 5% dry milk in PBST (PBS + 0.1% Tween 20) for 1 h at RT. The primary antibody anti-AAV2 (intact particle) mouse recombinant, A20R, Biotin conjugate (Cat. No. 615298) was diluted in blocking buffer (antibody concentration 500 ng/ml) and incubated for 1 h at RT. For detection, streptavidin-HRP was diluted in blocking buffer and incubated for 1 h at RT. The bands were visualized by chemiluminescent detection using Pierce ECL Plus Western Blotting Substrate.



ELISA with A20R Biotin Conjugate (Cat. No. 615298) as detection antibody (1:20)