



Anti-AAV2 Replicase monoclonal antibody, Clone A227.8 (DMAB6346)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Monoclonal Antibody to Adeno-Associated Virus (AAV), Rep Protein
Antigen Description	Mab A227.8 reacts with Rep proteins (Rep78, Rep68, Rep52 and Rep40) of human AAV-2-infected cells.
Specificity	The antibody shows low affinity which is most useful in affinity chromatography experiments where mild conditions can be used for dissociation of the antigen. In immunoblotting it reacts mainly with Rep52 and Rep40, faint reaction with Rep78 and Rep68 (long incubation time and short washing steps are recommended).
Target	AAV Rep 78 protein
Immunogen	Recombinant AAV-2 Rep 78 protein, N-terminally truncated by 171 aa
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	AAV
Clone	A227.8
Conjugate	Unconjugated
Applications	AP, IP, WB, IF
Format	Hybridoma culture supernatant
Size	5 ml
Preservative	None

BACKGROUND

Introduction

Adeno-associated virus (AAV) is a small virus which infects humans and some other primate species. AAV is not currently known to cause disease and consequently the virus causes a very mild immune response. AAV can infect both dividing and non-dividing cells and may incorporate its genome into that of the host cell. These features make AAV a very attractive candidate for creating viral vectors for gene therapy, and for the creation of isogenic human disease models. Recent human clinical trials using AAV for gene therapy in the retina have shown promise.

Keywords

AAV; AAV, Rep Protein; Adeno-Associated Virus, Rep Protein; Parvovirinae; Dependovirus; adeno-associated virus; Adeno-Associated Virus (AAV), Rep Protein
