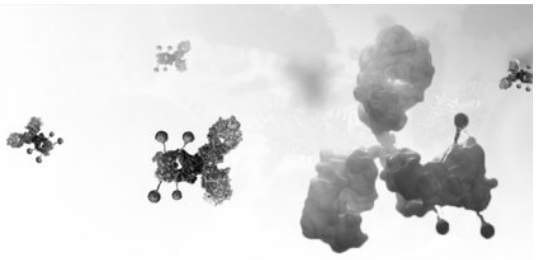

Anti-AAV2 VP1/VP2 monoclonal antibody, Clone B610 (DMAB6349)

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

PRODUCT INFORMATION

Product Overview	Monoclonal Antibody to VP 1 and VP 2 of AAV (adeno-associated virus)
Antigen Description	Mab B610 reacts with VP 1 and VP 2 of adeno-associated virus which are highly enriched in the nucleus.
Specificity	Epitope mapping experiments identified aa169 to aa184 of VP2 and aa123 to aa136 of VP1 capsid proteins as the specific binding region.
Target	AAV Capsid protein
Immunogen	Adeno-associated virus capsid proteins and virus particles
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	AAV
Clone	B610
Conjugate	Unconjugated
Applications	IF, IHC, IP, WB
Format	Culture supernatant
Size	50 µg
Buffer	PBS or Tris-buffered saline
Preservative	None

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Storage	At 2℃-8℃ for min. 1 year after reconstitution

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; VP 1 and VP 2 of AAV; VP 1 and VP 2 of Adeno-Associated Virus; Parvovirinae; Dependovirus; adeno-associated virus; VP 1 and VP 2 of AAV (adeno-associated virus)

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