



Anti-AAV1 (intact particle) monoclonal antibody, Clone BEL2b [Biotin] (DMAB6351)

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-1), intact particles
Antigen Description	For characterization of different stages of infection and very useful for the analysis of the AAV assembly process. Mab BEL2b specifically reacts with intact adenoassociated virus particles, empty and full capsids.
Specificity	Recognizes a conformational epitope of assembled capsids, not present in denatured capsid proteins and native but unassembled capsid proteins. The antibody cannot be used for immunoblotting.
Target	AAV type 1 Capsid protein
Immunogen	Adeno-associated virus type 1 (AAV-1) capsid proteins and virus particles
Isotype	IgG2a
Source/Host	Mouse
Species Reactivity	AAV
Clone	BEL2b
Conjugate	Biotin
Applications	IHC, ELISA
Format	Affinity Purified, Liquid
Buffer	PBS or Tris-buffered saline; for ELISA use PBS with 0.05% Tween 20
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-1; AAV-1, Intact Particles; Adeno-Associated Virus, Intact Particles; Parvovirinae; Dependovirus; adeno-associated virus; Adeno-Associated Virus (AAV-1), intact particles; Adeno-associated virus type 1
