



Magic™ Rabbit Anti-AAV2 (intact particle) Monoclonal antibody, clone 44H6 (DMAB- CS24041)

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

PRODUCT INFORMATION

Specificity	The product recognizes a conformational epitope on AAV-2. No cross-reaction with AAV type 1, 5, 6, 8, 9, DJ, rh.1 in Dot Blot. AAV3, AAV4, AAV7 and AAV10 are not tested.
Target	AAV2
Immunogen	AAV2 Virus-Like Particles (VLPs)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	AAV
Clone	44H6
Purification	Protein A
Conjugate	unconjugated
Applications	ELISA (Det), Dot
Reconstitution	Reconstitute the lyophilized powder with deionized water (or equivalent) to a final concentration of 0.5 mg/ml.
Format	Lyophilized
Size	40 µg

Buffer	Lyophilized with PBS, pH 7.2, containing 0.02% sodium azide.
Preservative	0.02% sodium azide
Storage	The lyophilized product remains stable up to 1 year at -20°C from date of receipt. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

BACKGROUND

Introduction Adeno-associated virus type 2 (AAV2) is a valuable vector for gene therapy. It is one member of the human parvovirus family which depends on co-infection with helper viruses such as adenovirus or herpes virus for efficient reproduction. AAV2 empty capsids are composed of three proteins, VP1, VP2 and VP3 with relative molecular masses of 87, 72 and 62 kDa, respectively.

Keywords Adeno-associated virus 2; AAV2; AAV serotype 2; AAV; Adeno-associated virus