

Datasheet for ABIN933630
anti-AAV2 antibody



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Overview

Quantity:	50 µg
Target:	AAV2
Reactivity:	Adeno-Associated Virus 2 (AAV-2)
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This AAV2 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	AAV2 antibody was raised in mouse using recombinant AAV-2 Rep 78 protein, N-terminally truncated by 171 amino acids, as the immunogen.
Clone:	259-5
Isotype:	IgG1
Cross-Reactivity (Details):	This antibody recognizes AAV-2 serotypes 1,3,4,5 and 6
Purification:	Purified

Target Details

Target:	AAV2
Abstract:	AAV2 Products
Target Type:	Virus

Target Details

Background: 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. Serotype 2 (AAV2) has been the most extensively examined so far. AAV2 presents natural tropism towards skeletal muscles, neurons, vascular smooth muscle cells and hepatocytes. Synonyms: Monoclonal AAV2 antibody, Anti-AAV2 antibody, AAV-2 antibody, Rep Protein antibody, Adeno Associated Virus 2 antibody.

Application Details

Application Notes: WB: 1:50-100
Optimal conditions should be determined by the investigator.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitute in dist. water (final solution contains 0.09 % NaN₃, 0.5 % BSA in PBS buffer, pH 7.4)

Concentration: Lot specific

Buffer: Lyophilized.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium Azide: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: Store at 4 °C until reconstitution. Following reconstitution aliquot and freeze at -20 °C for long term storage.