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Product datasheet for BM5011

Adeno-Associated Virus 2 / AAV2 (Replicase Rep 78, 52) Mouse Monoclonal Antibody [Clone ID: 76.3]

Product data:

Product Type:	Primary Antibodies
Clone Name:	76.3
Applications:	IF, IP
Recommended Dilution:	**Immunofluorescence Microscopy:** 1/10. **Immunoprecipitation.**
Reactivity:	Adeno-associated Virus 2
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant AAV-2 Rep78 protein, N-terminally truncated by 171 aa
Specificity:	Four Replicase proteins (Rep78, Rep68, Rep52 and Rep40) are expressed in different concentrations during infection. Antibody clone 76.3 reacts with Rep proteins (Rep78 and Rep52) of Human AAV-2-infected cells. It does not react with Rep68 and Rep40.
Formulation:	Final solution contains PBS, pH 7.4 with 0.09% Sodium Azide as preservative and 0.5% BSA as stabilizer State: Purified State: Lyophilized purified Ig fraction
Reconstitution Method:	Restore with 1.0 ml distilled water.
Purification:	Protein A Affinity Chromatography
Conjugation:	Unconjugated
Storage:	Store lyophilized at 2-8°C for 6 months or at -20°C long term. After reconstitution store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C long term. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.

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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: AAV-2