

## Product datasheet for **BM5012SU**

### Adeno-Associated Virus 2 / AAV2 (Replicase Rep 78, 68, 52, 40) Mouse Monoclonal Antibody [Clone ID: 226.7]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	226.7
Applications:	IF, IP, WB
Recommended Dilution:	<b>Immunoprecipitation.</b> <b>Immunoaffinity Chromatography:</b> The antibody shows low affinity which is most useful in Affinity Chromatography experiments where mild conditions can be used for dissociation of the antigen. <b>Immunoblotting:</b> 1/2 (Dilute further when using ECL method). It reacts mainly with Rep52 and Rep40, faint reaction with Rep78 and Rep68 (long incubation time and short washing steps are recommended). Alternatively for Immunoblotting <i>Cat. no.</i> BM5092 is recommended. <i>Dilution buffer:</i> PBS or Tris-buffered saline. <b>Immunofluorescence Microscopy</b> (only faint reaction). <i>Cat.no.</i> BM5011 is suggested alternatively.
Reactivity:	Adeno-associated Virus 2
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Recombinant AAV-2 Rep78 protein, N-terminally truncated by 171 aa
Specificity:	Mab 226.7 reacts with Rep proteins (Rep78, Rep68, Rep52 and Rep40) of Human AAV-2-infected cells.
Formulation:	State: Supernatant State: Hybridoma Culture Supernatant containing 0.09% Sodium Azide
Conjugation:	Unconjugated
Storage:	Store original vial at 2-8°C.
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