

BM5092**Monoclonal Antibody to Adeno-Associated Virus 2 / AAV2
(Replicase Rep 78, 68, 52, 40) - Purified****Alternate names:** AAV-2**Quantity:** 50 µg

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.

Host / Isotype: Mouse / IgG1**Recommended Isotype Controls:** AM03095PU-N**Clone:** 259.5**Immunogen:** Recombinant AAV-2 Rep78 protein, N-terminally truncated by 171 aa**Format:** **State:** Lyophilized purified IgG fraction**Purification:** Affinity Chromatography on Protein A**Buffer System:** PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 0.5% BSA as stabilizer**Reconstitution:** Restore in 1 ml distilled water**Applications:** **Immunoblotting:** 1/50-1/100.***Dilution Buffer:*** PBS or Tris-buffered saline.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity: This Monoclonal Antibody 259.5 reacts with Rep proteins (Rep78, Rep68, Rep52 and Rep40) of Human AAV-2-infected cells.
Cross-reactivity with AAV serotypes 1, 3, 4, 5, and 6.

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.
Shelf life: one year from despatch.