



Source

Monoclonal Anti-AAV5 Antibody, Mouse Fc (10B4E6) is a Mouse monoclonal antibody produced from a hybridoma created by fusing SP2/0 myeloma and Mouse B-lymphocytes.

Clone

10B4E6

Species

Mouse

Isotype

Mouse Fc

Conjugate

Unconjugated

Antibody Type

Hybridoma Monoclonal

Reactivity

Virus

Immunogen

Adeno-Associated Virus (AAV) 5.

Specificity

This product is a specific antibody specifically reacts with AAV5.

Application

Application	Recommended Usage
ELISA	0.2-100 ng/mL

Purity

>90% as determined by SDS-PAGE.

Purification

Protein A purified/ Protein G purified

Formulation

Lyophilized from 0.22 µm filtered solution in PBS, pH7.4 with trehalose as protectant.

Contact us for customized product form or formulation.

Reconstitution

Please see Certificate of Analysis for specific instructions.

For best performance, we strongly recommend you to follow the reconstitution protocol provided in the CoA.

Storage

For long term storage, the product should be stored at lyophilized state at -20°C or lower.

Please avoid repeated freeze-thaw cycles.

This product is stable after storage at:

- -20°C to -70°C for 12 months in lyophilized state;
- -70°C for 3 months under sterile conditions after reconstitution.

SDS-PAGE

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and more!

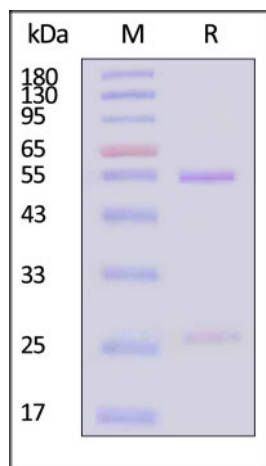


Monoclonal Anti-AAV5 Antibody, Mouse Fc (10B4E6)

Catalog # AA5-Y188



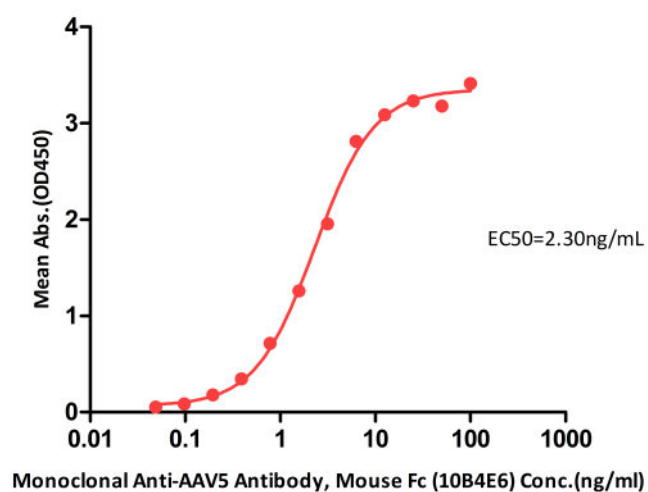
BIOSYSTEMS
Acro



Monoclonal Anti-AAV5 Antibody, Mouse Fc (10B4E6) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 90% (With [Star Ribbon Pre-stained Protein Marker](#)).

Bioactivity-ELISA

Monoclonal Anti-AAV5 Antibody, Mouse Fc (10B4E6) ELISA
4.35E+9 capsids of AAV5 per well



Immobilized AAV5 at 4.35E+10 capsids/mL (100 μ L/well) can bind Monoclonal Anti-AAV5 Antibody, Mouse Fc (10B4E6) (Cat. No.AA5-Y188) with a linear range of 0.20-3.13 ng/mL (QC tested).

Background

The adeno-associated virus (AAV) is a small (25 nm), non-enveloped virus of the parvoviridae family, including 12 different AAV serotypes. In the parvoviridae family it belongs to the genus dependoparvovirus, because it needs the presence of a helper virus for replication and assembly. The icosahedral AAV capsid composed of the capsid proteins VP1, VP2 and VP3 contains a linear, single-stranded DNA genome of 4.7 kb.

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