

Monoclonal Anti-Monkeypox virus (Democratic Republic of the Congo) B6R Antibody, Mouse IgG1 (4E5) (MALS verified)

Catalog # B6R-MY2295



Source

Monoclonal Anti-Monkeypox virus (Democratic Republic of the Congo) B6R Antibody, Mouse IgG1 (4E5) is a mouse monoclonal antibody recombinantly expressed in HEK293 cells.

Antibody Type

Recombinant Monoclonal

Clone

4E5

Isotype

Mouse IgG1, Kappa

Host Species

Mouse

Reactivity

Virus

Immunogen

Recombinant Monkeypox virus (Democratic Republic of the Congo) B6R Protein is expressed from human 293 cells

Specificity

Specifically recognizes Monkeypox virus (Democratic Republic of the Congo) B6R Protein.

Purification

Protein A purified / Protein G purified.

Aggregation

Less than 10%, as determined by SEC-MALS.

Concentration

Please refer to the Certificate of Analysis (CoA).

Form

Lyophilized

Formulation

Lyophilized from a 0.22 µm-filtered solution in PBS (pH 7.4), with trehalose as protectant.

Please contact us for customized product forms or formulations.

Reconstitution

Please refer to the Certificate of Analysis (CoA) for specific instructions.

Shipping

Lyophilized product is shipped at ambient temperature.

Storage

For long term storage, the product should be stored in a 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.

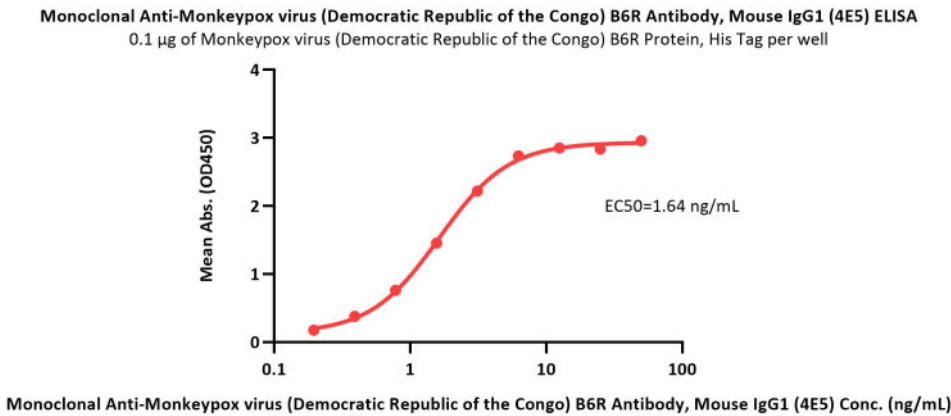
Notices

Product Specific Notices: For research use only.

ACRO Quality Management System

- [QMS\(ISO, GMP\)](#)
- [Quality Advantages](#)
- [Quality Control Process](#)

Bioactivity-ELISA



Immobilized Monkeypox virus (Democratic Republic of the Congo) B6R Protein, His Tag (Cat. No. B6R-M52H3) at 1 µg/mL (100 µL/well) can bind Monoclonal Anti-Monkeypox virus (Democratic Republic of the Congo) B6R Antibody, Mouse IgG1 (4E5) (Cat. No. B6R-MY2295) with a linear range of 0.2-3 ng/mL (QC tested).

Background

Monkeypox is a rare zoonosis caused by monkeypox virus, which has become the most serious orthpoxvirus and consists of complex double stranded DNA. The pathogenesis of monkeypox is that the virus invades the body from respiratory mucosa, multiplies in LYM.

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