



Monoclonal antibody to West Nile virus Envelope Protein, clone E18 (produced in vitro)

VR-1611™

Description

Antibody class: IgG2ak

Volume: 100 µL

Storage Conditions

Product format: Frozen

Storage conditions: -20°C or colder

Intended Use

This product is intended for laboratory research use only. It is not intended for any animal or human therapeutic use, any human or animal consumption, or any diagnostic use.

BSL 1

ATCC determines the biosafety level of a material based on our risk assessment as guided by the current edition of *Biosafety in Microbiological and Biomedical Laboratories (BMBL)*, U.S. Department of Health and Human Services. It is your responsibility to understand the hazards associated with the material per your organization's policies and procedures as well as any other applicable regulations as enforced by your local or national agencies.

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Product Sheet

Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at www.atcc.org.

Product Information

Material development: The B cell hybridoma was generated by the fusion of P3X63.Ag8.53 BALB/c mouse myeloma cells with immunized mouse splenocytes. The clone E18 antibody is reported to bind to the fusion loop of domain II in the envelope glycoprotein.

Cross-reactivity: Functional activity is confirmed by reactivity in immunofluorescence assays using Vero cells (ATCC® CCL-81™) infected with WNV and by ELISA using WNV-infected cell lysates [WNV, Eg101 (Egypt 1951)]. The antibody has been reported to be non-neutralizing, or weakly neutralizing and reactive using flow cytometry and Western blot analysis.

Quality Control Specifications

Mycoplasma contamination: Not detected

Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Monoclonal antibody to West Nile virus Envelope Protein, clone E18 (produced in vitro) (ATCC VR-1611)

References

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References and other information relating to this material are available at www.atcc.org.

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