



# Monoclonal Anti-Zika virus envelope protein, clone ZV-16 (Immunoglobulin G Mouse)

VR-1866™

## Description

**Antibody class:** IgG2cκ

**Volume:** 100 µL

**Shipping information:** Purified monoclonal antibody in PBS, pH 7.4. The concentration, expressed as mg per mL, is shown on the Certificate of Analysis for each lot.

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## Storage Conditions

**Product format:** Frozen

**Storage conditions:** -20°C or colder

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## 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.

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## 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

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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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## Certificate of Analysis

For batch-specific test results, refer to the applicable certificate of analysis that can be found at [www.atcc.org](http://www.atcc.org).

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## Product Information

**Material development:** Mouse monoclonal antibody prepared against the envelope (E) glycoprotein of Zika virus (ZIKV) was purified from ascites fluid by protein G affinity chromatography. Ascites formation was induced by injecting approximately  $2.5 \times 10^6$  cultured hybridoma clone ZV-16 cells into the peritoneal cavities of pristine-primed mice. The B cell hybridoma was generated by the fusion of P3X6 Ag 8.6.5.3 mouse myeloma cells with immunized mouse splenocytes. The ZV-16 antibody specifically recognizes the E glycoprotein, is non-neutralizing, and does not cross-react with Dengue, Japanese encephalitis, or West Nile viruses.

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## Material Citation

If use of this material results in a scientific publication, please cite the material in the following manner: Monoclonal Anti-Zika virus envelope protein, clone ZV-16 (Immunoglobulin G Mouse) (ATCC VR-1866)

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## References

References and other information relating to this material are available at [www.atcc.org](http://www.atcc.org).

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## Contact Information

ATCC

10801 University Boulevard

Manassas, VA 20110-2209

USA

US telephone: 800-638-6597

Worldwide telephone: +1-703-365-2700

Email: [tech@atcc.org](mailto:tech@atcc.org) or contact your local distributor