



# Monoclonal Anti-Flavivirus Group Antigen, Clone D1-4G2-4-15 (produced in vitro)

VR-1852™

## Description

**Antibody class:** IgG1κ, IgG2ακ

**Volume:** 0.1 mL

**Shipping information:** Purified monoclonal antibodies are provided in PBS

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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 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

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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:** The B cell hybridoma was generated by the fusion of P3X63Ag8 myeloma cells with immunized mouse splenocytes. Note: The P3X63Ag8 myeloma cell line secretes the MOPC21 myeloma protein, a mouse IgG1k antibody of unknown specificity. Thus, ATCC® VR-1852™ contains both MOPC21 protein and flavivirus group-specific antibody of the IgG2ak isotype.

**Cross-reactivity:**

ATCC® VR-1852™ is reactive on cells infected with type 2 and type 3 Dengue viruses, West Nile virus, yellow fever virus, and Zika virus in indirect immunofluorescence assays. The antibody is reported to be strongly reactive with

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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-Flavivirus Group Antigen, Clone D1-4G2-4-15 (produced in vitro) (ATCC VR-1852)

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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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## Warranty

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