

Monoclonal Anti-Flavivirus Group Antigen, Clone D1-4G2-4-15 (produced *in vitro*)
Catalog No. NR-50327

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Product Description:

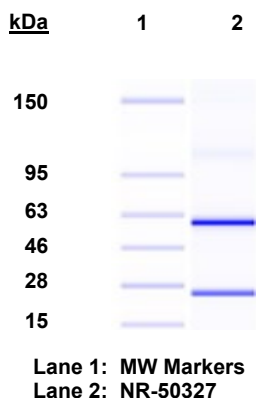
Antibody Class: IgG1k, IgG2ak

Monoclonal antibody prepared against the group antigen of flaviviruses was purified from clone D1-4G2-4-15 hybridoma supernatant using protein G affinity chromatography. NR-50327 lot 70080736 was dispensed from a bulk tube of BEI Resources lot 70033596.

Lot: 70080736
Manufacture Date: 12JAN2026

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination ¹	IgG1k, IgG2ak	IgG2ak
Agilent Protein 230 Analysis	Correct molecular weight (MW) for heavy and light chains; Report purity	Correct molecular weight (MW) for heavy and light chains (Figure 1); 97.2% pure
Concentration by Spectrophotometer at OD ₂₈₀	~ 1 mg/mL	1.20 mg/mL
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

¹The isotyping assay did not detect IgG1k for the current lot, which may be due to the parental myeloma line, P3X63Ag8, intermittently losing or failing to secrete the IgG1k chain over extended culture.

Figure 1: Agilent Protein 230 Analysis


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04 MAR 2026

Technical Manager or designee, ATCC Federal Solutions

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