

Monoclonal Anti-Langat Virus Nonstructural Protein 1 (NS1), Clone 5D9 (produced *in vitro*)
Catalog No. NR-40304

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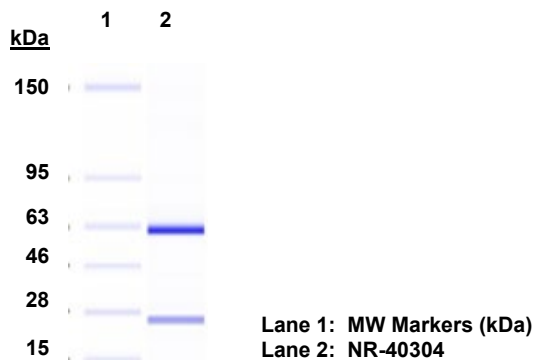
Product Description:

Antibody Class: IgG2ak

Mouse monoclonal antibody prepared against the Langat virus (LGTV) nonstructural protein 1 (NS1) was purified from clone 5D9 hybridoma supernatant by protein G affinity chromatography. NR-40304 lot 70082986 was produced from BEI Resources lot 61334874 adapted to serum-free media.

Lot: 70082986
Manufacturing Date: 03JUN2026

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	IgG2ak	IgG2ak
Agilent® Protein 230 Analysis	Correct molecular weight (MW) for heavy and light chains; Report average purity	Correct molecular weight (MW) for heavy and light chains (Figure 1); 98.5% pure
Concentration by Spectrophotometer at OD ₂₈₀	~ 1 mg/mL	1.0 mg/mL
Functional Activity by Western Blot Analysis	Report results	Reactive ¹
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

Figure 1: Agilent® Protein 230 Analysis


/Sonia Bjorum Brower/

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Technical Manager or designee, ATCC Federal Solutions

01 OCT 2026

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