

**Monoclonal Anti-Langat Virus Envelope Glycoprotein (E), Clone 5G5 (produced *in vitro*)**

**Catalog No. NR-40318**

This reagent is the property of the U.S. Government.

**Product Description:**

Antibody Class: IgG2ak

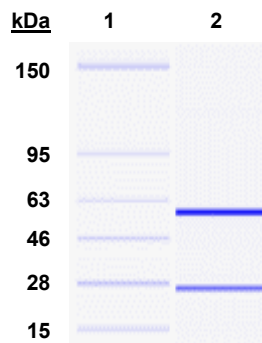
Mouse monoclonal antibody prepared against the Langat virus (LGTV) envelope glycoprotein was purified from clone 5G5 hybridoma supernatant using protein G affinity chromatography. NR-40318 lot 70035363 was produced from the seed lot adapted to serum-free media.

**Lot: 70035363**

**Manufacturing Date: 10MAY2020**

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	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); 99.5% pure
Concentration by Spectrophotometer at OD <sub>280</sub>	~ 1 mg per mL	1.2 mg per mL
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

**Figure 1: Agilent® Protein 230 Analysis**



Lane 1: MW Markers (kDa)  
Lane 2: NR-40318

/Heather Couch/  
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21 OCT 2020

Program Manager or designee, ATCC Federal Solutions

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