

Monoclonal Anti-Dengue Virus Type 4 Envelope Protein, Clone E29 (produced *in vitro*)

Catalog No. NR-15542

Product Description:

Antibody Class: IgG1κ

Monoclonal antibody prepared against the envelope glycoprotein of dengue virus type 4 (DEN-4) was purified from clone E29 hybridoma supernatant by protein G affinity chromatography. NR-15542 lot 70051600 was produced from BEI Resources NRC-15542 lot 59271166 adapted to serum-free media.

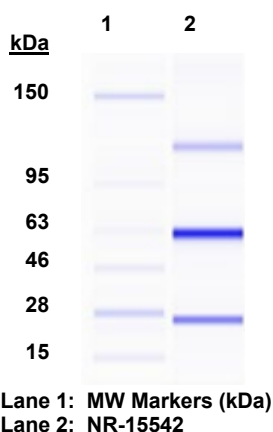
Lot: 70051600

Manufacturing Date: 22MAY2022

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	IgG1κ	IgG1κ
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); 86.7% pure ¹
Concentration by Spectrophotometer at OD ₂₈₀	~ 1 mg per mL	0.99 mg per mL
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

¹The purity reported may be an underestimate since the protein sample did not appear to be fully reduced (note the higher MW band in Figure 1).

Figure 1: Agilent® Protein 230 Analysis



/Sonia Bjorun Brower/

Sonia Bjorun Brower

01 MAR 2023

Technical Manager or designee, ATCC Federal Solutions

ATCC®, on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC®'s knowledge.

ATCC® is a trademark of the American Type Culture Collection.

You are authorized to use this product for research use only. It is not intended for human use.

