

# Certificate of Analysis for MRA-480A

## Monoclonal Anti-*Plasmodium falciparum* Apical Membrane Antigen 1 (AMA1), Clone N3-1D7 (produced *in vitro*)

### Catalog No. MRA-480A

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

### Product Description:

Antibody Class: IgG2ak

Mouse monoclonal antibody prepared against the apical membrane antigen 1 (AMA1) of *Plasmodium falciparum* was purified from clone N3-1D7 hybridoma supernatant using protein G affinity chromatography.

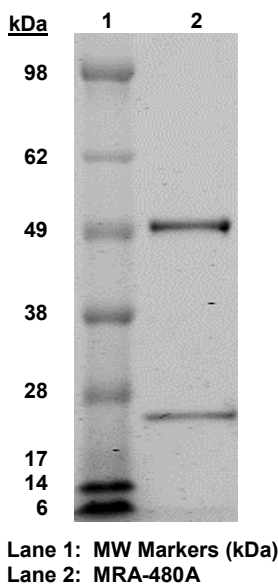
Lot: 70026315<sup>1</sup>

Manufacturing Date: 08JUL2019

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	IgG2ak	IgG2ak
SDS Gel Analysis	Correct molecular weight (MW) for heavy and light chains; Report purity	Correct molecular weight (MW) for heavy and light chains (Figure 1); 100% pure
Concentration by Spectrophotometer at OD <sub>280</sub>	~ 1 mg per mL	0.84 mg per mL
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

<sup>1</sup>Produced from MR-MRA-480 lot 58287316 adapted to serum-free media

Figure 1: SDS Gel Analysis



**Certificate of Analysis for MRA-480A**

/Heather Couch/

Heather Couch

30 SEP 2019

Program 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.

