

**Monoclonal Anti-*Plasmodium falciparum* Merozoite Specific Protein 1 (MSP1), Clone 5D5/47 (produced *in vitro*)**

**Catalog No. MRA-880A**

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

**Product Description:**

Antibody Class: IgG1κ

Mouse monoclonal antibody prepared against the merozoite surface protein 1 (MSP1) of *Plasmodium falciparum* was purified from clone 5D5/47 hybridoma supernatant using protein G affinity chromatography.

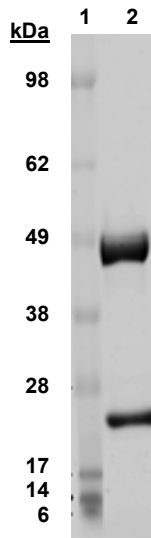
**Lot: 70024168<sup>1</sup>**

**Manufacturing Date: 22MAY2019**

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	IgG1κ	IgG1κ
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	1.2 mg per mL
Sterility	0.22 μm filter-sterilized	0.22 μm filter-sterilized

<sup>1</sup>Produced from MR-MRA-880 lot 58018841 adapted to serum-free media

**Figure 1: SDS Gel Analysis**



Lane 1: SeeBlue™ Plus2 Protein Standard  
Lane 2: MRA-880A

/Heather Couch/

Heather Couch

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Program Manager or designee, ATCC Federal Solutions

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