

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

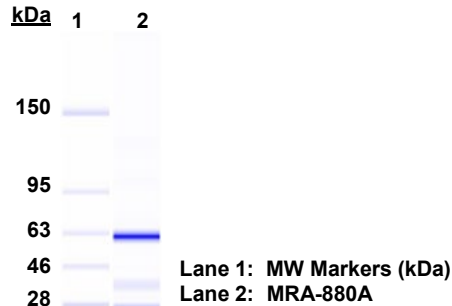
Mouse monoclonal antibody prepared against the merozoite surface protein 1 (MSP1) of *Plasmodium falciparum* was purified from clone 5D5/47 hybridoma supernatant using protein G affinity chromatography. MRA-880A lot 70062288 was produced from BEI Resources lot 58018841 adapted to serum-free media.

Lot: 70062288

Manufacturing Date: 28AUG2023

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); 88.4% pure
Concentration by Spectrophotometer at OD ₂₈₀	~ 1 mg/mL	1.2 mg/mL
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

Figure 1: Agilent® Protein 230 Analysis



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Technical Manager or designee, ATCC Federal Solutions

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