

Monoclonal Anti-*Plasmodium falciparum* Circumsporozoite Protein (CSP), Clone 2A10 (produced *in vitro*)

Catalog No. MRA-183A

Product Description:

Antibody Class: IgG2ak

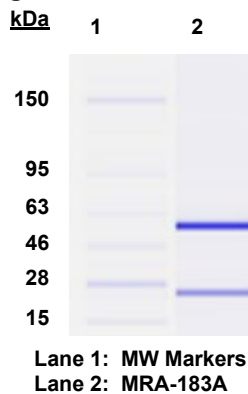
Monoclonal antibody prepared against the circumsporozoite protein (CSP) of *Plasmodium falciparum* (*P. falciparum*) was purified from supernatants obtained from mouse 2A10 hybridoma by protein G affinity chromatography. NR-50327 lot 70054464 was produced from BEI Resources MR-MRA-183 lot 61715079 adapted to serum-free media.

Lot: 70054464

Manufacture Date: 31AUG2022

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); 98% pure
Concentration by Spectrophotometer at OD ₂₈₀	~ 1 mg per mL	1.6 mg per mL
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

Figure 1: Agilent Protein 230 Analysis



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05 JAN 2023

Technical Manager or designee, ATCC Federal Solutions

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