

Monoclonal Antibody SAI131-5D5 Anti-*Plasmodium falciparum* Circumsporozoite Protein (rCSP), Full-Length Recombinant

Catalog No. MRA-1242

Product Description: Antibody Class: IgG (subclass unknown)
 Mouse monoclonal antibody prepared against two overlapping peptides on the N-terminus of full-length *Plasmodium falciparum* (*P. falciparum*) recombinant circumsporozoite protein (rCSP). The SAI131-5D5 monoclonal antibody recognizes CSP in live sporozoites, inhibits CSP processing, and inhibits infection of hepatocytes in a mouse model.

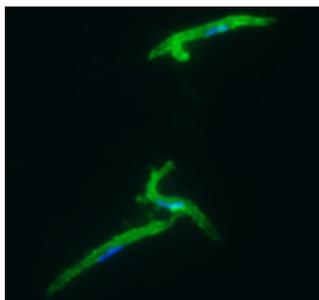
Lot: 63445688

Manufacturing Date: 2012

TEST	SPECIFICATIONS	RESULTS
Functional Activity by Immunofluorescence Assay¹ <i>P. falciparum</i> , strain NF54 (patient line E) (BEI Resources MRA-1000) smears	Reactive	Reactive; specific at dilution of 1:100 (Figure 1)

¹Specific labeling of *P. falciparum* smears with MRA-1242 with FITC and DAPI was observed following paraformaldehyde fixation.

Figure 1: *P. falciparum* Immunofluorescence Assay



Date: 25 MAY 2016

Signature: 

BEI Resources Authentication

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.

