Monoclonal Anti-*Plasmodium* Apical Membrane Antigen 1, Clone 28G2 (produced *in vitro*)

Catalog No. MRA-897A

For research use only. Not for use in humans.

Contributor:
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Manufacturer:
BEI Resources

Product Description:
Antibody Class: IgG2a
Rat monoclonal antibody prepared against the Apical Membrane Antigen 1 (AMA-1) from *Plasmodium falciparum* (*P. falciparum*) was purified from clone 28G2 hybridoma supernatant by protein G affinity chromatography. The B cell hybridoma was generated by the fusion of rat Y3-Ag 1.2.3 myeloma cells with splenocytes from a LOU/M rat immunized with a synthetic peptide representing a conserved C-terminal region of *P. falciparum* PF83/AMA-1.1,2

Material Provided:
Each vial contains approximately 100 µL of purified monoclonal antibody in PBS. The concentration, expressed as milligrams per milliliter, is shown on the Certificate of Analysis.

Packaging/Storage:
MRA-897A was packaged aseptically in screw-capped plastic cryovials and is provided frozen on dry ice. The product should be stored at -20°C or colder immediately upon arrival. Freeze-thaw cycles should be avoided.

Functional Activity:
MRA-897A is reported to react with AMA-1 of all known *Plasmodium* species, and to function in immunofluorescence and immunoprecipitation assays and ELISA.1,2

Citation:
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Monoclonal Anti-*Plasmodium* Apical Membrane Antigen 1, Clone 28G2 (produced *in vitro*), MRA-897A, contributed by Alan W. Thomas.”

Biosafety Level: 1
Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. *Biosafety in Microbiological and Biomedical Laboratories*. 6th ed.

Disclaimers:
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References:
1. Thomas, A. W., Personal Communication.

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