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

Catalog No. MRA-897A
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For research use only. Not for human use.

Contributor:
Alan W. Thomas, Ph.D., Laboratory for Parasitology, Biomedical Primate Research Centre, Rijswijk, The Netherlands

Manufacturer:
BEI Resources

Product Description:
Antibody Class: IgG2aκ
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.

Material Provided:
Each vial of MRA-897A contains approximately 150 µL of purified monoclonal antibody in PBS. The concentration, expressed as mg per mL, is shown on the Certificate of Analysis.

Packaging/Storage:
MRA-897A was packaged aseptically in screw-capped plastic vials 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.

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

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

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