Monoclonal Antibody 304.2.4.4 Anti-
*Plasmodium falciparum* Dipeptidyl Aminopeptidase 1 (DPAP1) (produced in vitro)

Catalog No. MRA-812A

For research use only. Not for human use.

Contributor and Manufacturer:
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Product Description:
Antibody Class: Unknown

Mouse monoclonal antibody prepared against the recombinant dipeptidyl aminopeptidase 1 (DPAP1; residues 28 to 700) of *Plasmodium falciparum* (*P. falciparum*) is supplied as clone 304.2.4.4 hybridoma supernatant. 1 DPAP1 resides in the food vacuole of *P. falciparum* and participates in the degradation of hemoglobin. 2

Material Provided:
Each vial contains approximately 60 µL of monoclonal antibody.

Packaging/Storage:
MRA-812A 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:
Monoclonal antibody 304.2.4.4 is reported to function in western blot analysis with a titer of 1:200, immunoprecipitation with a titer of 1:20 and immunoelectron microscopy. 1,2

Citation:
Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Monoclonal Antibody 304.2.4.4 Anti-*Plasmodium falciparum* Dipeptidyl Aminopeptidase 1 (DPAP1) (produced in vitro), MRA-812A, contributed by Daniel E. Goldberg.”

Biosafety Level: 1


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References:
1. Goldberg, D. E., Personal Communication

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