

Monoclonal Anti-*Plasmodium falciparum* Erythrocyte Binding Antigen-175 RII, Clone R217 (produced *in vitro*)

Catalog No. MRA-711A

This reagent is the tangible property of the U.S. Government.

Product Description:

Antibody Class: IgG1k

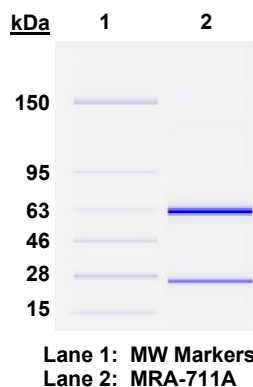
Monoclonal antibody prepared against the erythrocyte binding antigen (EBA)-175 of *Plasmodium falciparum* (*P. falciparum*) 3D7 was purified from clone R217 hybridoma supernatant by protein G affinity chromatography. The B cell hybridoma was generated by the fusion of Sp2/0-Ag14 mouse myeloma cells with splenocytes from BALB/c mice immunized with purified baculovirus recombinant EBA-175 RII protein (3D7).

Lot: 70038257

Manufacturing Date: 24SEP2020

TEST	SPECIFICATIONS	RESULTS
Antibody Class Determination	IgG1k	IgG1k
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); 96% pure
Concentration by Spectrophotometer at OD ₂₈₀	~ 1 mg per mL	1.3 mg per mL
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

Figure 1: Agilent Protein 230 Analysis



/Heather Couch/
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Program Manager or designee, ATCC Federal Solutions

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