



Mouse Anti-*Plasmodium falciparum* PfRH5 monoclonal Antibody, clone 9AD4 (CABT-L7875)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	The antibody binds specifically to PfRH5, a member of the RH family of proteins of the <i>Plasmodium falciparum</i> which interacts with the surface protein basigin (CD147) of erythrocytes. The interaction between the two proteins is necessary for the parasitic invasion of erythrocytes, known to give rise to the pathology of malaria. This clone inhibits parasitic growth, possibly by blocking the interaction of PfRH5 and another protein, or by blocking the processing of the PfRH5 protein
Immunogen	Human adenovirus serotype 5 (AdHu5).
Isotype	IgG1, κ
Source/Host	Mouse
Species Reactivity	<i>Plasmodium falciparum</i>
Clone	9AD4
Purification	Affinity purification
Conjugate	Unconjugated
Applications	Suitable for use in Block and ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.
Format	Purified, Liquid

Concentration	Lot specific
Buffer	PBS with 0.02% Proclin 300.
Storage	Store at -20°C.
Ship	Wet ice

BACKGROUND

Keywords	PfRh5; reticulocyte-binding protein homologue 5; Hypothetical protein PFD1145c
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