

## Datasheet for ABIN2149254 **anti-HRP2 antibody**



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### Overview

Quantity:	1 mg
Target:	HRP2 (Pf HRP2)
Reactivity:	Plasmodium falciparum
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This HRP2 antibody is un-conjugated
Application:	ELISA, Lateral Flow (LF)

### Product Details

Immunogen:	PfHRPII antibody was raised in Mouse using Plasmodium falciparum conjugated to HRP as the immunogen
Clone:	M1709Pf1
Isotype:	IgG1
Purity:	> 95 % pure

### Target Details

Target:	HRP2 (Pf HRP2)
Abstract:	<a href="#">Pf HRP2 Products</a>
Background:	Lactate dehydrogenase catalyzes the interconversion of pyruvate and lactate with concomitant interconversion of NADH and NAD <sup>+</sup> . It converts pyruvate, the final product of glycolysis to lactate when oxygen is absent or in short supply, and it performs the reverse reaction during the

## Target Details

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Cori cycle in the liver. Four species of Plasmodium can infect and be transmitted by humans. Severe disease is largely caused by Plasmodium falciparum. Malaria caused by Plasmodium vivax, Plasmodium ovale and Plasmodium malariae is generally a milder disease that is rarely fatal.

## Application Details

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Application Notes: Can be used as the capture antibody in ELISA and Lateral Flow along with ABIN2149255 as the detection antibody.

Restrictions: For Research Use only

## Handling

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Concentration: Lot specific

Buffer: 0.01M Sodium phosphate buffer (pH 7.2), 0.1 % NaN<sub>3</sub>

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Avoid repeated freeze/thaw cycles

Storage: 4 °C/-20 °C

Storage Comment: Store at 2-8 °C for short term storage For long term storage aliquot and store at -20 °C,