



Magic™ Anti-Plasmodium LDH Monoclonal antibody, Clone N2800Mq3 (DCABY-4745)

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

PRODUCT INFORMATION

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|--------------------|---|
| Target | Plasmodium LDH |
| Immunogen | LDH Pan antibody was raised in Mouse using Pan LDH as the immunogen |
| Isotype | IgG1 |
| Source/Host | Mouse |
| Species Reactivity | Plasmodium |
| Clone | N2800Mq3 |
| Conjugate | Unconjugated |
| Applications | ELISA Pr*, Lateral Flow Pr* Suggested pair for sandwich ELISA (Capture - Detection): DCABY-4745 - DCABY-4744 |
| Format | Liquid |
| Size | 1 mg |
| Buffer | Supplied in 0.01M Sodium phosphate buffer, 0.1% NaN ₃ |
| Preservative | 0.1% Sodium Azide |
| Storage | Store at 2-8 °C for short term storage. For long term storage aliquot and store at -20 °C, avoid repeated freeze/thaw cycles |

BACKGROUND

Introduction

Lactate dehydrogenase (LDH) contains two isoforms in mammals, LDH M and LDH H, which come together to form a homotetramer of 36 kDa subunits. LDH is often as a marker for tissue breakdown or cytotoxicity. LDH shows cytoplasm localization. Lactate dehydrogenase (LDH) of malaria parasites is immunologically distinct from the host enzyme. Hence use of specific antibodies can be used to detect the parasite in humans.

Keywords

LDH; LDH-M; L-lactate dehydrogenase A chain; LDH-A; PfLDH; Malaria; P. falciparum pLDH; PLDH; Plasmodium falciparum; Plasmodium malariae; Malaria LDH; Malariae LDH; Plasmodium malariae LDH;