

Product datasheet

HRP Anti-Plasmodium aldolase antibody ab38905

★★★★★ [1 Abreviews](#) [18 References](#)

Overview

Product name	HRP Anti-Plasmodium aldolase antibody
Description	HRP Rabbit polyclonal to Plasmodium aldolase
Host species	Rabbit
Conjugation	HRP
Tested applications	Suitable for: WB, ELISA
Species reactivity	Reacts with: Plasmodium falciparum
Immunogen	Recombinant full length plasmodium aldolase.
General notes	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C.
Storage buffer	pH: 7.00 Preservative: 0.01% Thimerosal (merthiolate) Constituents: 0.2% BSA, 0.58% Sodium chloride, 1.19% HEPES
Purity	Immunogen affinity purified
Clonality	Polyclonal
Isotype	IgG

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab38905 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB	★★★★★ (1)	Use a concentration of 1 µg/ml. Predicted molecular weight: 40 kDa.
ELISA		Use a concentration of 0.5 µg/ml.

Target

Relevance

Malaria caused by Plasmodium falciparum remains the major life-threatening parasitic infection in the world. Plasmodium aldolase is an enzyme of the parasite glycolytic pathway expressed by the blood stages of Plasmodium falciparum as well as the non-falciparum malaria parasites. Monoclonal antibodies against Plasmodium aldolase are pan-specific in their reaction and have been used in an immunochromatographic test that targets the pan malarial antigen to rapidly detect malaria cases. CATALYTIC ACTIVITY: D-fructose 1,6-bisphosphate = glycerone phosphate + D-glyceraldehyde 3-phosphate.

Cellular localization

Cytoplasmic

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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