Product datasheet

Anti-Plasmodium aldolase antibody (HRP) ab38905

Overview

Product name: Anti-Plasmodium aldolase antibody (HRP)
Description: Rabbit polyclonal to Plasmodium aldolase (HRP)
Host species: Rabbit
Conjugation: HRP
Tested applications: Suitable for: WB, ELISA
Species reactivity: Reacts with the malarial parasite Plasmodium falciparum. Not yet tested in other species.
Immunogen: Recombinant full length plasmodium aldolase.

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

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.

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>WB</td>
<td>★★★★★</td>
<td>Use a concentration of 1 µg/ml. Predicted molecular weight: 40 kDa.</td>
</tr>
<tr>
<td>ELISA</td>
<td></td>
<td>Use a concentration of 0.5 µg/ml.</td>
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</tbody>
</table>
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

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**Please note:** All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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