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: Species independent

**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>
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<tr>
<td>ELISA</td>
<td></td>
<td>Use a concentration of 0.5 µg/ml.</td>
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</table>
**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:** $\text{D-fructose 1,6-bisphosphate} = \text{glycerone phosphate} + \text{D-glyceraldehyde 3-phosphate}.$

**Cellular localization**

Cytoplasmic

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

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