**Description**

<table>
<thead>
<tr>
<th>Product name</th>
<th>Recombinant Hepatitis A Virus Surface Antigen protein</th>
</tr>
</thead>
<tbody>
<tr>
<td>Biological activity</td>
<td>ab68871 is immunoreactive with sera from HAV-infected individuals.</td>
</tr>
<tr>
<td>Purity</td>
<td>&gt; 90 % SDS-PAGE. ab68871 was purified by a proprietary chromatographic technique.</td>
</tr>
<tr>
<td>Expression system</td>
<td>Escherichia coli</td>
</tr>
<tr>
<td>Protein length</td>
<td>Protein fragment</td>
</tr>
<tr>
<td>Animal free</td>
<td>No</td>
</tr>
<tr>
<td>Nature</td>
<td>Recombinant</td>
</tr>
<tr>
<td>Amino acids</td>
<td>1643 to 1743</td>
</tr>
</tbody>
</table>

**Specifications**

Our [Abpromise guarantee](#) covers the use of ab68871 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**Applications**

- Western blot
- ELISA

**Form**

Liquid

**Preparation and Storage**

Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

- pH: 9.60
- Constituents: 1% Carbonate buffer, 0.1% SDS, 50% Glycerol

This product is an active protein and may elicit a biological response in vivo, handle with caution.

**General Info**

**Relevance**

Hepatitis A virus (HAV), the causative agent of type A viral hepatitis, is spread by faecal-oral contact or ingestion of contaminated food or water. Lifelong immunity is conferred by infection or
The virus capsid is composed of 60 icosahedral units, each of which is composed of one copy each of proteins VP1, VP2, VP3, and VP4.

**Cellular localization**
cell surface

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

---

**Our Abpromise to you: Quality guaranteed and expert technical support**

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit [https://www.abcam.com/abpromise](https://www.abcam.com/abpromise) or contact our technical team.

**Terms and conditions**

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors