 Product datasheet

Anti-HPV16 L1 antibody [CamVir 1] ab69

13 References

Overview

**Product name**
Anti-HPV16 L1 antibody [CamVir 1]

**Description**
Mouse monoclonal [CamVir 1] to HPV16 L1

**Host species**
Mouse

**Specificity**
The antibody reacts with a 56 kDa protein in cells infected with L1-vaccinia virus, the protein being present in a predominantly nuclear location. The antibody reacts very strongly with biopsy specimens containing HPV-16 or -33; very weak reactions were occasionally observed with biopsy specimens or smears containing HPV-6 or HPV-11. Cross-reacts with HPV37.

**Tested applications**
Suitable for: ELISA, WB, IP, IHC-P

**Species reactivity**
Reacts with: Human papillomavirus

**Immunogen**
Human papilloma virus type 16, major capsid protein L1.

Properties

**Form**
Liquid

**Storage instructions**
Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C or -80°C. Avoid freeze / thaw cycle.

**Storage buffer**
Phosphate buffered saline

**Purity**
Protein A purified

**Clonality**
Monoclonal

**Clone number**
CamVir 1

**Myeloma**
NS0

**Isotype**
IgG2a

**Light chain type**
unknown

Applications

Our *Abpromise guarantee* covers the use of ab69 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.
Relevance
L1 is a major capsid protein of type 16 human papilloma virus. Infection with specific types of HPV has been associated with an increased risk of developing cervical neoplasia. HPV types 6 and 11 have been associated with relatively benign diseases such as genital warts but types 16 and 18 are strongly associated with cervical, vaginal, and vulvar malignancies.

Cellular localization
Virion. Host Nucleus.

Application

<table>
<thead>
<tr>
<th>Application</th>
<th>Abreviews</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>ELISA</td>
<td>Use at an assay dependent concentration. PubMed: 20600940</td>
<td></td>
</tr>
<tr>
<td>WB</td>
<td>Use at an assay dependent concentration. Predicted molecular weight: 56 kDa.</td>
<td></td>
</tr>
<tr>
<td>IP</td>
<td>Use at an assay dependent concentration.</td>
<td></td>
</tr>
<tr>
<td>IHC-P</td>
<td>Use at an assay dependent concentration.</td>
<td></td>
</tr>
</tbody>
</table>

Target

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

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 http://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