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.

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**Application**

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

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

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