Product datasheet

Anti-HPV16 L1 antibody [CamVir 1] ab69

14 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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