

# Anti-HPV16L1 [CamVir 1]

**Catalogue number:** 151084

**Sub-type:** Primary antibody

**Images:**

## Contributor

**Inventor:** Lawrence Banks

**Institute:** University of Cambridge

**Images:**

## Tool details

**\*FOR RESEARCH USE ONLY**

**Name:** Anti-HPV16L1 [CamVir 1]

**Alternate name:**

**Class:** Monoclonal

**Conjugate:** Unconjugated

**Description:** The human papilloma virus (HPV) family of DNA tumor viruses includes HPV-16 and HPV-18, which are associated with a large proportion of cervical cancer cases, and HPV-1, which is associated with benign cutaneous warts. HPV late protein L1 is the major capsid protein.

**Purpose:**

**Parental cell:**

**Organism:**

**Tissue:**

**Model:**

**Gender:**

**Isotype:** IgG2a

**Reactivity:** Human papilloma virus

**Selectivity:**

**Host:** Mouse

**Immunogen:** A b galactosidase-L1 fusion protein purified by PAGE.

**Immunogen UNIPROT ID:**

**Sequence:**

**Growth properties:**

**Production details:**

**Formulation:**

**Recommended controls:**

**Bacterial resistance:**

**Selectable markers:**

**Additional notes:**

## Target details

**Target:** Human papilloma virus type 16, major capsid protein L1 (HPV16 L1)

**Target alternate names:**

**Target background:** The human papilloma virus (HPV) family of DNA tumor viruses includes HPV-16 and HPV-18, which are associated with a large proportion of cervical cancer cases, and HPV-1, which is associated with benign cutaneous warts. HPV late protein L1 is the major capsid protein.

**Molecular weight:** 56 kDa

**Ic50:**

## Applications

**Application:** ELISA ; IHC ; IP ; WB

**Application notes:**

## Handling

**Format:** Liquid

**Concentration:** 1 mg/ml

**Passage number:**

**Growth medium:**

**Temperature:**

**Atmosphere:**

**Volume:**

**Storage medium:**

**Storage buffer:** PBS with 0.02% azide

**Storage conditions:** -15° C to -25° C

**Shipping conditions:** Shipping at 4° C

## Related tools

**Related tools:** Anti-HPV16E6 & HPV18E6, Recombinant [C1P5]

## References

**References:** Xie et al. 2014. Oncogene. 33(8):1037-46. PMID: 23474763. ; Targeting HPV16 E6-p300

interaction reactivates p53 and inhibits the tumorigenicity of HPV-positive head and neck squamous cell carcinoma. ; Herfs et al. 2012. Proc Natl Acad Sci U S A. 109(26):10516-21. PMID: 22689991. ; A discrete population of squamocolumnar junction cells implicated in the pathogenesis of cervical cancer. ; Lawson et al. 2009. Br J Cancer. 101(8):1351-6. PMID: 19773762. ; Koilocytes indicate a role for human papilloma virus in breast cancer. ; Zhang et al. 2005. J Biol Chem. 280(39):33165-77. PMID: 15983032. ; BRCA1 interaction with human papillomavirus oncoproteins. ; Banks et al. 1987. J Gen Virol. 68 ( Pt 5):1351-9. PMID: 3033140. ; Identification of human papillomavirus type 18 E6 polypeptide in cells derived from human cervical carcinomas.

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