

## Anti-HPV16E6 & HPV18E6 [C1P5] Standard Size Ab00607-10.0

Developed in partnership with Ximbio ([www.ximbio.com](http://www.ximbio.com)).

This chimeric human antibody was made using the variable domain sequences of the original Mouse IgG1 format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Human IgG1, Kappa

**Clone Number:** C1P5

**Alternative Name(s) of Target:** HPV early proteins; Human Papilloma Virus-16 and 18 early protein 6  
HPV16E6 & HPV18E6;

**UniProt Accession Number of Target Protein:**

**Published Application(s):** IP, WB, IHC

**Published Species Reactivity:** Human papilloma virus

**Immunogen:** Gel-purified HPV-18 E6-beta galactosidase fusion protein.

**Specificity:** This antibody binds to Human Papilloma Virus-16 and 18 early protein 6.

**Application Notes:** This antibody reacts with HPV infected human cells. The human papilloma virus (HPV) family of DNA tumor viruses, which includes HPV-16 and HPV-18, which are associated with a large proportion of cervical cancer cases. HPV early proteins E6 and E7 are the major viral oncoproteins that regulate cell proliferation through the inactivation of p53 and Rb1 tumour suppressor proteins respectively. C1P5 can be used for detection of HPV in cervical smears and biopsies and analysis of E6 expression in cell transformation studies.

**Antibody First Published in:** Banks et al. Identification of human papillomavirus type 18 E6 polypeptide in cells derived from human cervical carcinomas. J Gen Virol. 1987 May;68 ( Pt 5):1351-9. [PMID:3033140](#)

**Note on publication:** This article describes the generation and characterisation of C1P5 antibody.

### Product Form

**Size:** 200 µg Purified antibody.

**Purification:** Protein A affinity purified

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -

20°C.

**Concentration:** 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.