Anti-HPV16E6 & HPV18E6 [C1P5]

Catalogue number: 152582
Sub-type: Primary antibody
Images:

Contributor

Inventor: Lawrence Banks
Institute: Absolute Antibody ; Cancer Research UK, London Research Institute: Lincoln's Inn Fields
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-HPV16E6 & HPV18E6 [C1P5]

Alternate name:

Class: Recombinant
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. 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.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG1
Reactivity: Human
Selectivity:
Host: Mouse
Immunogen: Gel-purified HPV-18 E6-beta galactosidase fusion protein
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:
Formulation:
Recommended controls:

Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: Human Papilloma Virus-16 and 18 early protein 6 (HPV16E6 & HPV18 E6)

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. 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.

Molecular weight: 15.8 kDa, 17 kDa

Ic50:

Applications

Application: IHC ; IP ; WB
Application notes:

Handling

Format: Liquid
Concentration: 1 mg/ml
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer: PBS only
Storage conditions: -15° C to -25° C
Shipping conditions: Shipping at 4° C

Related tools

Related tools: Anti-HPV16E6 & HPV18E6 [C1P5]

References

References: Original hybridoma first published in Epenetos et al. 1982. Br J Cancer. 46(1):1-8. PMID: 7104190. ; Detection of human cancer in an animal model using radio-labelled tumour-associated monoclonal antibodies.