

Anti-HPV18E6 [C1N1]

Catalogue number: 152765

Sub-type: Primary antibody

Images:

Contributor

Inventor: Lawrence Banks

Institute: Cancer Research UK, London Research Institute: Lincoln's Inn Fields

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-HPV18E6 [C1N1]

Alternate name: HPV-18 E6, HPV-18 E6 protein, HPV18 E6, HPV18E6

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. 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. BF7 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: IgG

Reactivity: Virus

Selectivity:

Host: Mouse

Immunogen: HPV18E6-beta-galactosidase fusion protein synthesized in E. coli

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

HPV infected tissue

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Human papillomavirus type 18 (HPV-18) specific epitopes on the E6 polypeptide

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. BF7 can be used for detection of HPV in cervical smears and biopsies and analysis of E6 expression in cell transformation studies.

Molecular weight: 16.5 kDa

Ic50:

Applications

Application: ELISA ; 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:

References

References:

CancerTools.org