Anti-HPV-18 E6phospho

Catalogue number: 153965
Sub-type: Primary antibody
Images:

Contributor

Inventor: Lawrence Banks
Institute: International Centre For Genetic Engineering And Biotechnology (ICGEB)
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-HPV-18 E6phospho

Alternate name:

Class: Polyclonal
Conjugate: Unconjugated
Description: Nearly all cases of cervical cancer are associated with HPV infection, with two types, HPV16 and HPV18, present in 70% of cases. A defining feature of cervical cancers and derived cell lines is the continued expression of two viral oncoproteins, E6 and E7. A defining characteristic of E6 oncoproteins derived from cancer-causing HPV types is the presence of a PDZ binding motif (PBM) at the extreme carboxy terminus of the protein which is absent from E6 proteins derived from the so-called low-risk HPV types. Within this PBM is also a protein kinase A (PKA) phospho-acceptor site, which is thought to negatively regulate the association of E6 with its PDZ domain-containing substrates
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype:
Reactivity: Human papilloma virus
Selectivity:
Host: Rabbit
Immunogen: Peptide: RQERLQRRRETQV
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:

Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: HPV E6

Target alternate names:

Target background: Nearly all cases of cervical cancer are associated with HPV infection, with two types, HPV16 and HPV18, present in 70% of cases. A defining feature of cervical cancers and derived cell lines is the continued expression of two viral oncoproteins, E6 and E7. A defining characteristic of E6 oncoproteins derived from cancer-causing HPV types is the presence of a PDZ binding motif (PBM) at the extreme carboxy terminus of the protein which is absent from E6 proteins derived from the so-called low-risk HPV types. Within this PBM is also a protein kinase A (PKA) phospho-acceptor site, which is thought to negatively regulate the association of E6 with its PDZ domain-containing substrates

Molecular weight:

Ic50:

Applications

Application: WB
Application notes:

Handling

Format: Liquid
Concentration:
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer: Serum
Storage conditions:
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Thomas et al. 1999. Mol Cell Biol. 19(2):1092-100. PMID: 9891044. ; Two polymorphic variants of wild-type p53 differ biochemically and biologically. ; Thomas et al. 1996. Oncogene. 13(3):471-80. PMID: 8760288. ; HPV-18 E6 inhibits p53 DNA binding activity regardless of the oligomeric state of p53 or the exact p53 recognition sequence.