

Anti-HPV16E7 [TVG 701Y] mAb

Catalogue number: 151170

Sub-type: Primary antibody

Images:

Contributor

Inventor:

Institute: University of Cambridge

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-HPV16E7 [TVG 701Y] mAb

Alternate name: Anti-Human Papillomavirus 16 (E7) antibody [TVG 701Y]; Anti-HPV16E7 [TVG 701Y]; HPV16 E7; Protein E7; E7; HPV antibody

Class: Monoclonal

Conjugate: Unconjugated

Description: Tumour antigens are proteins found in tumour cells and recognised by cellular or humoral effectors of the immune system. Tumour antigens are useful in identifying cancer cells, they also can be leveraged as targets in cancer therapy.

Anti-Human Papillomavirus 16 (E7) antibody [TVG 701Y] also known as Anti-HPV16E7 [TVG 701Y] is an antibody against a tumour-specific antigen (TSA). TSA's are restricted to tumours and are not found in healthy cells. Anti-HPV16E7 [TVG 701Y] is a monoclonal antibody against HPV16E7.

The human papilloma virus (HPV) family of DNA tumour viruses includes HPV-16 and HPV-18. These are associated with a large proportion of cervical cancer cases. E7 is the major transforming protein of human papillomavirus type 16 (HPV16).

The immunogen is HPV 16 E7 synthesised from S. pombe.

Purpose: Marker

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG2a

Reactivity:

Human papilloma virus

Selectivity:

Host: Mouse

Immunogen: HPV 16 E7 synthesised from S. pombe

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Human Papilloma Virus-16 early protein 7 (HPV16 E7)

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.

Molecular weight:

Ic50:

Applications

Application: ELISA ; FACS ; IHC ; IF ; 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