

Anti-HPV16E2 [EL58]

Catalogue number: 151091

Sub-type: Primary antibody

Images:

Contributor

Inventor: Emma Lees

Institute: University of Oxford

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-HPV16E2 [EL58]

Alternate name:

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. E1 and E2 are proteins involved in the regulation of viral DNA replication.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Human papilloma virus

Selectivity:

Host: Mouse

Immunogen: Bacterial recombinant protein

Immunogen UNIPROT ID: P00533

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Human Papilloma virus-16 early protein 2 (HPV16 E2)

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. E1 and E2 are proteins involved in the regulation of viral DNA replication.

Molecular weight: 175 kDa

Ic50:

Applications

Application: 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: Anti-EGFR, Recombinant [EGFR1]

References

References: Finetti et al. 2015. Endocr Relat Cancer. 22(4):665-78. PMID: 26113609. ; Perillo et al.

2015. Nat Commun. 6:7874. PMID: 26219252. ; Tang et al. 2015. Oncol Rep. 34(1):350-8. PMID: 25955689. ; mPGES-1 in prostate cancer controls stemness and amplifies epidermal growth factor receptor-driven oncogenicity. ; Downregulation of CD9 promotes pancreatic cancer growth and metastasis through upregulation of epidermal growth factor on the cell surface. ; Boersma et al. 2011. J Biol Chem. 286(48):41273-85. PMID: 21979953. ; Bispecific designed ankyrin repeat proteins (DARPs) targeting epidermal growth factor receptor inhibit A431 cell proliferation and receptor recycling. ; Jensen et al. 2006. Proc Natl Acad Sci U S A. 103(32):11958-63. PMID: 16877544. ; Single-cell expression profiling of human epidermal stem and transit-amplifying cells: Lrig1 is a regulator of stem cell quiescence. ; Gullick et al. 1986. Cancer Res. 46(1):285-92. PMID: 2998607. ; Expression of epidermal growth factor receptors on human cervical, ovarian, and vulval carcinomas. ; Waterfield et al. 1982. J Cell Biochem. 20(2):149-61. PMID: 6188757. ; A monoclonal antibody to the human epidermal growth factor receptor.

CancerTools.org