

Mouse HPV16 E1/E4 (Human Papilloma Virus 16) Monoclonal Antibody

HPV16 E1/E4 (Human Papilloma Virus 16)

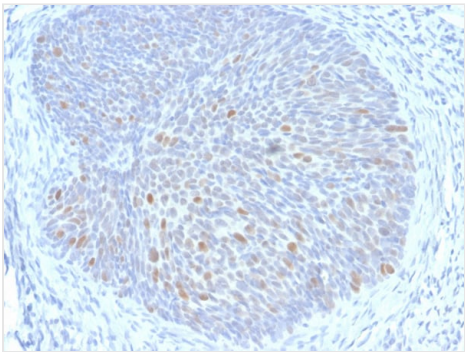
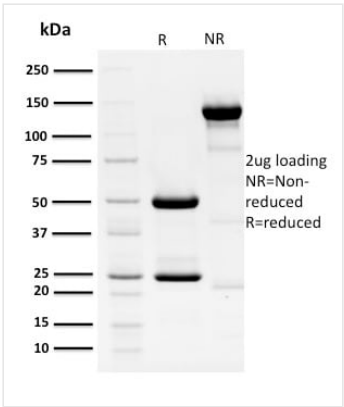
CATALOG # AAA215348	HOST Mouse	REACTIVITY Type 16 of Human Papilloma Virus (HPV-16)	APPLICATIONS Immunohistochemistry
-------------------------------	----------------------	--	---

PRODUCT SYNONYMS

HPV16 E1/E4 (Human Papilloma Virus 16); Monoclonal Antibody; HPV-16; HPV-16 capsid; HPV16 L1; HPV16 major capsid protein L1; Human papillomavirus type 16 L1; Human papillomavirus type 16 major capsid protein L1; anti-HPV16 E1/E4 (Human Papilloma Virus 16) antibody

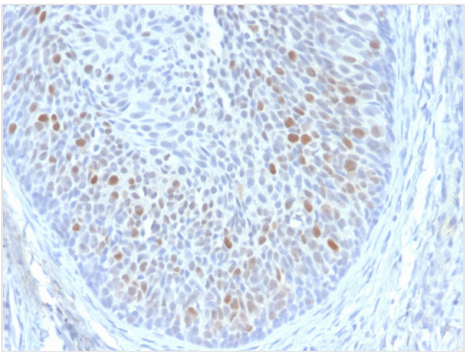
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Type 16 of Human Papilloma Virus (HPV-16)
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	HPV16 E1/E4
Specificity	The human papilloma virus (HPV) family of DNA tumor viruses includes HPV16, a 'high-risk' sexually-transmitted HPV that can lead to cervical, anal, vulvar, head, neck, and penile cancer. The HPV16E1/E4 protein is expressed abundantly in cells supporting viral DNA amplification, but is lost during malignant progression. HPV16E1/E4 causes G2 cell cycle arrest by associating with and preventing the nuclear entry of Cdk1/cyclin B1 complexes. HPV16E1/E4 also interacts with cyclin A and Cdk2 during the G2 phase of the cell cycle, and this association may increase the efficiency with which HPV16E1/E4 is able to prevent mitotic entry. HPV16E1/E4 also associates with keratin intermediate filaments and causes the network to collapse.
Purity/Purification	Purified Ab with BSA and Azide at 200ug/ml OR Purified Ab WITHOUT BSA and Azide at 1.0mg/ml
Form/Format	200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Applicable Applications for anti-HPV16 E1/E4 (Human Papilloma Virus 16) antibody	IHC (Immunohistochemistry)
Positive Control	HPV-16 infected cells. Cervical tissue.
Immunogen	Recombinant human HPV16 E1/E4 fragment (aa 36-41).
Cellular Localization	Nuclear
Preparation and Storage	Antibody with azide: store at 2 to 8 degree C. Antibody without azide: store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Cervix stained with HPV-18 Mouse Monoclonal Antibody (HPV16 E1/E4).

SDS-PAGE
SDS-PAGE Analysis Purified HPV-18 Mouse Monoclonal Antibody (HPV16 E1/E4).
Confirmation of Purity and Integrity of Antibody.



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Cervix stained with HPV-18 Mouse Monoclonal Antibody (HPV16 E1/E4).

ADDITIONAL INFORMATION

References	Reich, N.C., et al. 1983. Mol. Cell. Biol. 3: 2143-2150.
------------	--

NCBI AND UNIPROT INFORMATION

Molecular Weight	16kDa
------------------	-------

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/monoclonal/hpv16-e1-e4-human-papilloma-virus-16-antibody-clone-hpv16-e1-e4-immunohistochemistry-elisa/215348>