

Mouse HPV-18 (Human Papilloma Virus 18) Monoclonal Antibody | anti-HPV-18 antibody

HPV-18 (Human Papilloma Virus 18)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA215323	Mouse	Type 18 of Human Papilloma Virus (HPV-18)	Immunohistochemistry

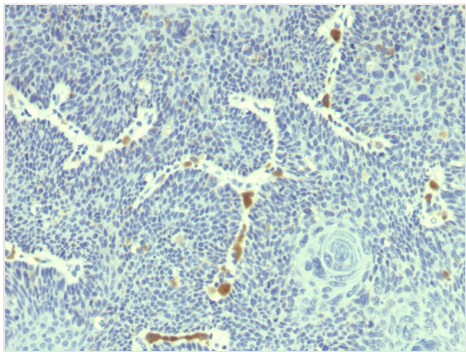
PRODUCT SYNONYMS

HPV-18 (Human Papilloma Virus 18); Monoclonal Antibody; E6; Human Papilloma Virus; HPV type 18 E6; Protein E6; anti-HPV-18 antibody

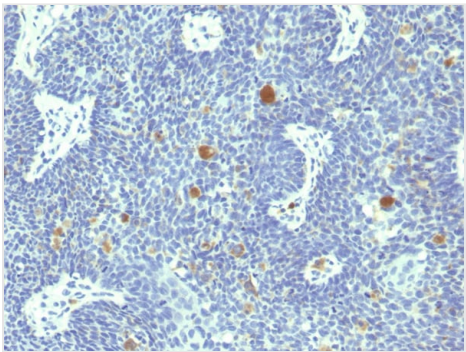
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Type 18 of Human Papilloma Virus (HPV-18)
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	HPV18/1297
Specificity	Human papilloma viruses (HPVs) can be classified as either high risk or low risk according to their association with cancer. HPV16 and HPV18 are the most common of the high risk group while HPV6 and HPV11 are among the low risk types. Approximately 90% of cervical cancers contain HPV DNA of the high risk types. Mutational analysis has shown that the E6 and E7 genes of the high risk HPVs are necessary and sufficient for HPV transforming function. The specific interactions of the E6 and E7 proteins with p53 and pRB, respectively, correlate with HPV high and low risk classifications. The high risk HPV E7 proteins bind to pRB with a higher affinity than do the low risk HPV proteins, and only the high risk HPV E6 proteins form detectable complexes with p53 in vitro.
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-HPV-18 antibody	IHC (Immunohistochemistry)
Positive Control	HPV-18 infected cells. Cervical tissue.
Immunogen	HPV18 E6-?-galactosidase fusion protein
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.

IMAGES



IHC (Immunohiostchemistry)
Formalin-fixed, paraffin-embedded human Cervix stained with HPV-18 Mouse Monoclonal Antibody (HPV18/1297).



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Cervix stained with HPV-18 Mouse Monoclonal Antibody (HPV18/1297).

ADDITIONAL INFORMATION

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

Molecular Weight	16kDa
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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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/hpv-18-human-papilloma-virus-18-antibody-clone-hpv18-1297-immunohistochemistry-elisa/215323>