

Mouse HPV-16 (Human Papilloma Virus 16) Monoclonal Antibody | anti-HPV-16 antibody

HPV-16 (Human Papilloma Virus 16) Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA62684	Mouse	Type 16 of Human Papilloma Virus (HPV-16)	Immunohistochemistry, Immunofluorescence

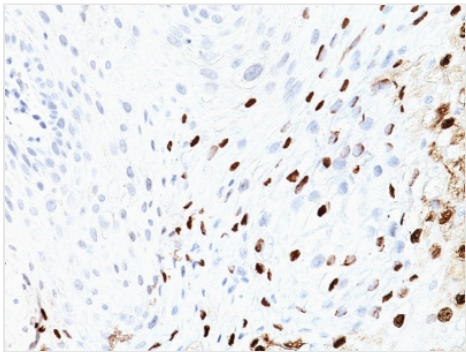
PRODUCT SYNONYMS

HPV-16 (Human Papilloma Virus 16); Monoclonal Antibody; HPV-16 (Human Papilloma Virus 16) Mouse 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-HPV-16 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Type 16 of Human Papilloma Virus (HPV-16)
Clonality	Monoclonal
Isotype	IgG2a, kappa
Clone Number	SPM405
Specificity	Reacts with a protein of 57kDa, identified as the L1 protein of human papilloma virus type 16 (HPV-16). It is the major capsid protein of HPV-16. Infection with specific types of HPV has been associated with an increased risk of developing cervical neoplasia. HPV types 6 and 11 have been associated with relatively benign diseases such as genital warts but types 16 and 18 are strongly associated with cervical, vaginal, and vulvar malignancies. The antibody reacts very strongly with formalin-fixed, paraffin-embedded tissues containing HPV-16 or -33; very weak reactions were occasionally observed with biopsy specimens or smears containing HPV-6 or HPV-11. It cross-reacts with HPV37.
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-16 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence)
Cellular Localization	Nuclear
Immunogen	Recombinant major capsid protein L1 from human papilloma virus type 16
Positive Control	HPV-16 infected cells or cervical tissue
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 (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Cervix stained with HPV-16 Monoclonal Antibody (SPM405)

ADDITIONAL INFORMATION

References	McLean CS, J Clin Pathol, 1990; 43:488-492.
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NCBI AND UNIPROT INFORMATION

Molecular Weight	57kDa
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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-16-human-papilloma-virus-16-antibody-clone-spm405-immunohistochemistry-immunofluorescence-elisa/62684>