

Mouse HPV-16 Monoclonal Antibody | anti-HPV-16 antibody

HPV-16 (Human Papilloma Virus 16)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA214626	Mouse	Type 16 of human Papilloma Virus (HPV-16)	Immunohistochemistry, Immunofluorescence

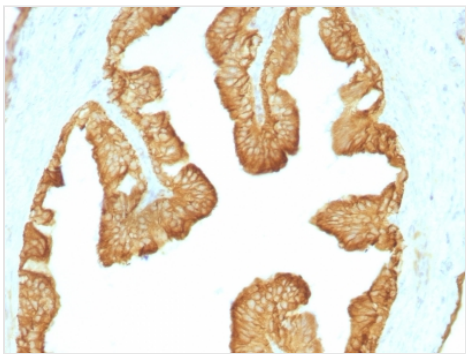
PRODUCT SYNONYMS

HPV-16; Monoclonal Antibody; HPV-16 (Human Papilloma Virus 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

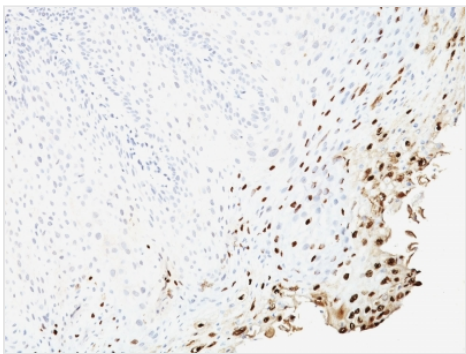
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Type 16 of human Papilloma Virus (HPV-16)
Clonality	Monoclonal
Isotype	IgG2a, kappa
Clone Number	SPM257
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.
Sequence Length	578
Applicable Applications for anti-HPV-16 antibody	IHC (Immunohistochemistry), IF (Immunofluorescence)
Immunogen	Human papilloma virus type 16, major capsid protein L1
Cellular Localization	Nuclear
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 (Immunohiostchemistry)
Formalin paraffin Rat Oviduct stained with Cytokeratin, HMW Monoclonal Antibody (KRTL/1077).



IHC (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Cervix stained with HPV-16 Monoclonal Antibody (SPM257

ADDITIONAL INFORMATION

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

NCBI GI #	194018511
NCBI GeneID	374454
NCBI Accession #	NP_778253.2
NCBI GenBank Nucleotide #	NM_175078.2
UniProt Accession #	Q7Z794; Q7RTS8
Molecular Weight	57kDa
NCBI Official Full Name	keratin, type II cytoskeletal 1b
NCBI Official Synonym Full Names	keratin 77
NCBI Official Symbol	KRT77
NCBI Official Synonym Symbols	K1B; KRT1B
NCBI Protein Information	keratin, type II cytoskeletal 1b
UniProt Protein Name	Keratin, type II cytoskeletal 1b
UniProt Gene Name	KRT77
UniProt Synonym Gene Names	KRT1B; CK-1B; K77

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-antibody-clone-spm257-immunohistochemistry-immunofluorescence-elisa/214626>