

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

HPV-16 (Human Papilloma Virus 16)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA214637	Rabbit	Type 16 of human Papilloma Virus (HPV-16)	Immunohistochemistry, Immunofluorescence

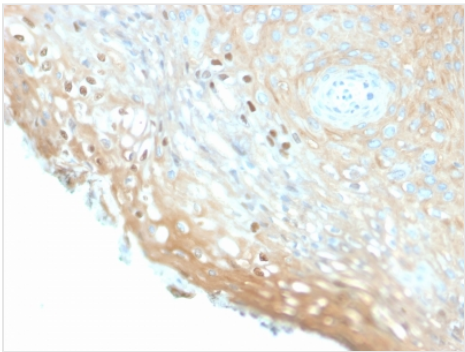
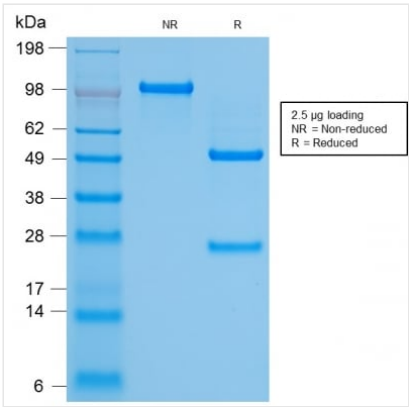
PRODUCT SYNONYMS

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	Rabbit
Reactivity	Type 16 of human Papilloma Virus (HPV-16)
Clonality	Monoclonal
Isotype	IgG
Clone Number	HPV16/2058R
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	1192
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 (Immunohistochemistry)
Formalin-fixed, paraffin-embedded human Cervix stained with HPV16 Rabbit Recombinant Monoclonal Antibody (HPV16/2058R).

SDS-PAGE
SDS-PAGE Analysis of Purified HPV16 Rabbit Recombinant Monoclonal Antibody (HPV16/2058R).

ADDITIONAL INFORMATION

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

NCBI GI #	224586815
NCBI GeneID	2734
NCBI Accession #	NP_001139138.1
NCBI GenBank Nucleotide #	NM_001145666.1
UniProt Accession #	Q92896; Q13221; Q6P9D1; B7Z8Y4; D3DUJ7
Molecular Weight	57kDa
NCBI Official Full Name	Golgi apparatus protein 1 isoform 2
NCBI Official Synonym Full Names	golgi glycoprotein 1
NCBI Official Symbol	GLG1
NCBI Official Synonym Symbols	CFR-1; ESL-1; MG160; MG-160
NCBI Protein Information	Golgi apparatus protein 1
UniProt Protein Name	Golgi apparatus protein 1
UniProt Gene Name	GLG1
UniProt Synonym Gene Names	CFR1; ESL1; MG160; ESL-1

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.