

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

HPV-16 (Human Papilloma Virus 16)

|                               |                      |                                                                |                                             |
|-------------------------------|----------------------|----------------------------------------------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA215337</b> | HOST<br><b>Mouse</b> | REACTIVITY<br><b>Type 16 of Human Papilloma Virus (HPV-16)</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|----------------------|----------------------------------------------------------------|---------------------------------------------|

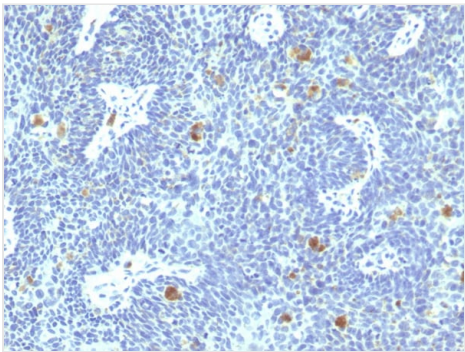
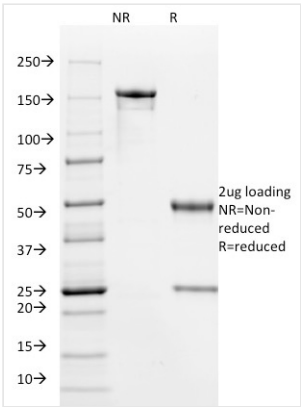
### PRODUCT SYNONYMS

HPV-16 (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-HPV-16 antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|--------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                             | Mouse                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Reactivity                                       | Type 16 of Human Papilloma Virus (HPV-16)                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| Clonality                                        | Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Isotype                                          | IgG1, kappa                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Clone Number                                     | HPV16/1295                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Specificity                                      | Reacts with E6 protein of human papilloma virus type 16 (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. |
| 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-16 antibody | IHC (Immunohistochemistry)                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Positive Control                                 | HPV-16 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.<br>Antibody without azide: store at -20 to -80 degree C.<br>Antibody is stable for 24 months. Non-hazardous. No MSDS required.                                                                                                                                                                                                                                                                                                      |

IMAGES



**IHC (Immunohistochemistry)**  
Formalin-fixed, paraffin-embedded human Cervix stained with HPV-16 Mouse Monoclonal Antibody (HPV16/1295).

**SDS-PAGE**  
SDS-PAGE Analysis Purified HPV-16 Mouse Monoclonal Antibody (HPV16/1295).  
Confirmation of Purity and Integrity of Antibody.

ADDITIONAL INFORMATION

|            |                                             |
|------------|---------------------------------------------|
| References | McLean CS. J Clin Pathol, 1990; 43:488-492. |
|------------|---------------------------------------------|

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](mailto:contact@aaabiotech.com)  
Online datasheet: <https://stage.aaabiotech.com/monoclonal/hpv-16-human-papilloma-virus-16-antibody-clone-hpv16-1295-immunohistochemistry-elisa/215337>