

### 36-3779: Anti-HPV-16 (Human Papilloma Virus 16) Monoclonal Antibody(Clone: HPV16/1296)

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	HPV16/1296
<b>Application :</b>	IHC
<b>Alternative Name :</b>	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
<b>Isotype :</b>	Mouse IgG2a, kappa
<b>Immunogen Information :</b>	Human papilloma virus type 16

#### Description

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.

#### Product Info

<b>Amount :</b>	20 µg / 100 µg
<b>Content :</b>	200 µg/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.
<b>Storage condition :</b>	Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous.

#### Application Note

Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes);

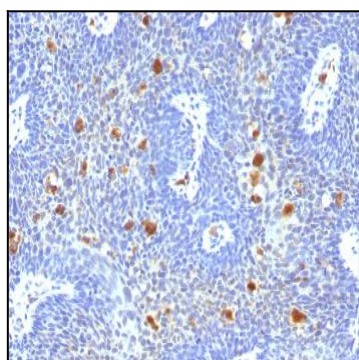


Fig. 1: Formalin-fixed, paraffin-embedded human Cervix stained with HPV-16 Mouse Monoclonal Antibody (HPV16/1296).

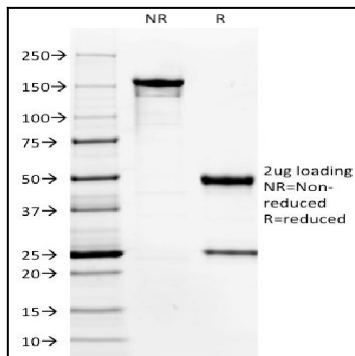


Fig. 2: SDS-PAGE Analysis Purified HPV-16 Mouse Monoclonal Antibody (HPV16/1296).  
Confirmation of Purity and Integrity of Antibody