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36-3794: Anti-HPV-16 (Human Papilloma Virus 16) Monoclonal Antibody(Clone: rHPV16L1/1058)

Clonality :	Monoclonal
Clone Name :	rHPV16L1/1058
Application :	IHC
Alternative Name :	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
Isotype :	Mouse IgG1
Immunogen Information :	Human papilloma virus type 16, major capsid protein L1

Description

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.

Product Info

Amount :	20 µg / 100 µg
Content :	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.
Storage condition :	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

Immunohistology (Formalin-paraffin) (1-2ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes),

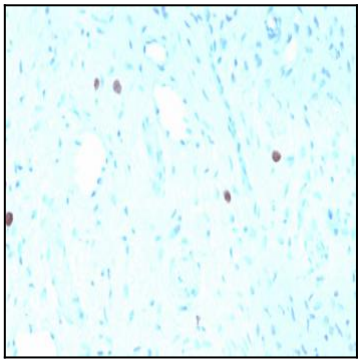


Fig. 1: Formalin-fixed, paraffin-embedded human Cervix stained with HPV-16 Mouse Recombinant Monoclonal Antibody (rHPV16L1/1058).

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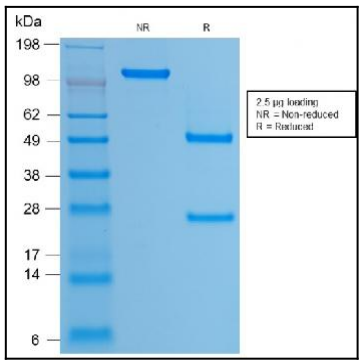


Fig. 2: SDS-PAGE Analysis Purified HPV-16 Mouse Recombinant Monoclonal Antibody (rHPV16L1/1058). Confirmation of Purity and Integrity of Antibody.

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