Datasheet for ABIN6941445

Recombinant anti-HPV16 antibody

2 Images

Go to Product page

Overview

Quantity:	100 µg
Target:	HPV16 (HPV-16)
Reactivity:	Virus
Host:	Mouse
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This HPV16 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Staining Methods (StM)

Product Details

Immunogen:	Human papilloma virus type 16, major capsid protein L1
Clone:	RHPV16L1-1058
Isotype:	IgG1 kappa
Specificity:	Reacts with a protein of 57 kDa, 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 Details

Purification:	Purified by Protein A/G

Target Details

Target:	HPV16 (HPV-16)
Alternative Name:	HPV-16 (Human Papilloma Virus 16) (HPV-16 Products)
Target Type:	Virus
Molecular Weight:	57kDa

Application Details

Application Notes:	Positive Control: HPV-16 infected cells. Cervical tissue. Known Application: Immunohistochemistry (Formalin-fixed) (1-2 µg/mL for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10 mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.
Restrictions:	For Research Use only

Handling

Concentration:	200 µg/mL
Buffer:	10 mM PBS with 0.05 % BSA & 0.05 % azide.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-80 °C
Storage Comment:	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. No MSDS required.
Expiry Date:	24 months

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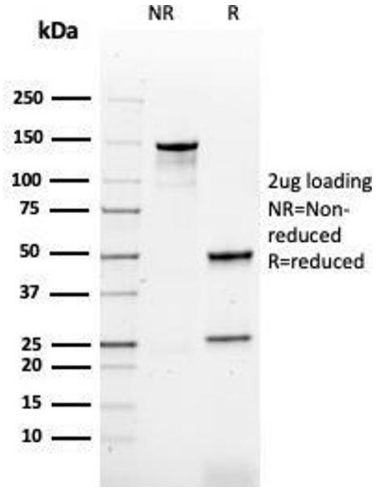
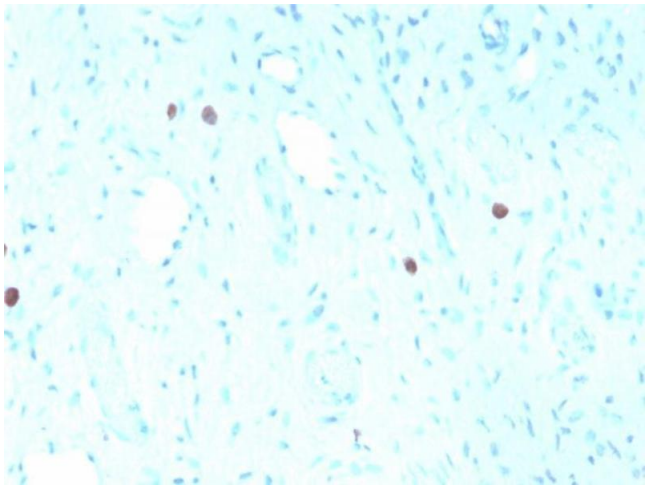


SDS-PAGE

Image 1. SDS-PAGE Analysis Purified HPV-16 Mouse Recombinant Monoclonal Antibody (rHPV16L1/1058). Confirmation of Purity and Integrity of Antibody.



Immunohistochemistry

Image 2. Formalin-fixed, paraffin-embedded human Cervix stained with HPV-16 Mouse Recombinant Monoclonal Antibody (rHPV16L1/1058).

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