

Datasheet for ABIN6941408  
**anti-HPV16 antibody**

2 Images



[Go to Product page](#)

## Overview

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

## Product Details

Immunogen:	HPV18 E6-β-galactosidase fusion protein
Clone:	HPV16-1295
Isotype:	IgG1 kappa
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.
Purification:	Purified by Protein A/G

## Target Details

Target:	HPV16 (HPV-16)
---------	----------------

## Target Details

---

Alternative Name: HPV-16 (Human Papilloma Virus 16) ([HPV-16 Products](#))

---

Target Type: Virus

---

Molecular Weight: 16kDa

---

## Application Details

---

Application Notes: Positive Control: HPV-16 infected cells. Cervical tissue.  
Known Application: Immunohistochemistry (Formalin-fixed) (0.5-1.0 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

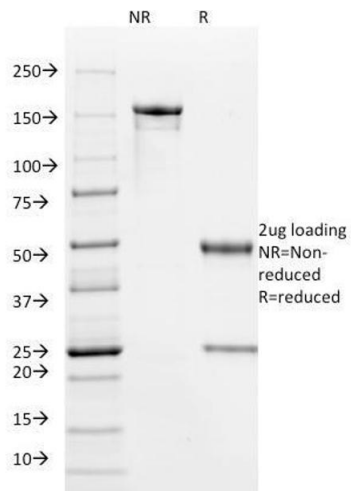
---

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.

---

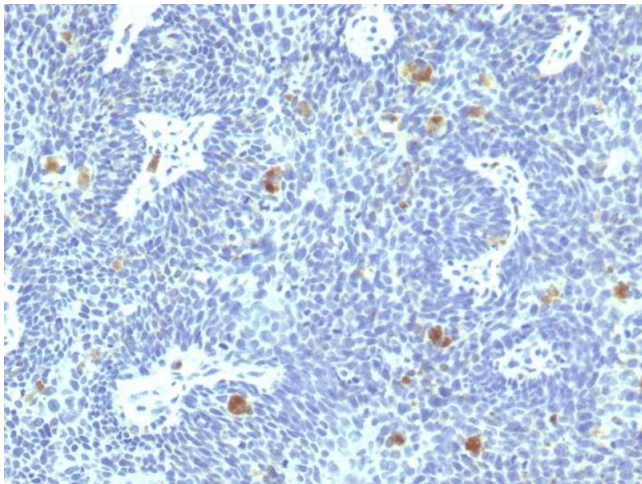
Expiry Date: 24 months

---



### SDS-PAGE

**Image 1.** SDS-PAGE Analysis Purified HPV-16 Mouse Monoclonal Antibody (HPV16/1295). Confirmation of Purity and Integrity of Antibody.



### Immunohistochemistry

**Image 2.** Formalin-fixed, paraffin-embedded human Cervix stained with HPV-16 Mouse Monoclonal Antibody (HPV16/1295).