

Product datasheet

Anti-HPV11 E7 antibody [9H5] ab100967

3 Images

Overview

<b>Product name</b>	Anti-HPV11 E7 antibody [9H5]
<b>Description</b>	Mouse monoclonal [9H5] to HPV11 E7
<b>Host species</b>	Mouse
<b>Specificity</b>	Reacts in WB, IP, ELISA with HPV11 native E7 protein as well as recombinant E7 protein expressed in bacteria and Cos7 cells.
<b>Tested applications</b>	<b>Suitable for:</b> WB, IP, ELISA, ICC/IF
<b>Species reactivity</b>	<b>Reacts with:</b> Human papillomavirus
<b>Immunogen</b>	Recombinant full length HPV11 E7 protein purified from bacteria.
<b>Epitope</b>	Mapped to amino acids 36-70
<b>Positive control</b>	WB: U2OS and HeLa cell lysates ICC/IF: U2OS cells transfected with plasmid expressing HPV-11 E7 protein IP: lysate of U2OS cells
<b>General notes</b>	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&amp;As</p>

Properties

<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Upon delivery aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
<b>Storage buffer</b>	pH: 7.40 Preservative: 0.1% Sodium azide Constituent: PBS
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	9H5

Isotype

IgG2a

## Applications

### The Abpromise guarantee

Our [Abpromise guarantee](#) covers the use of ab100967 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

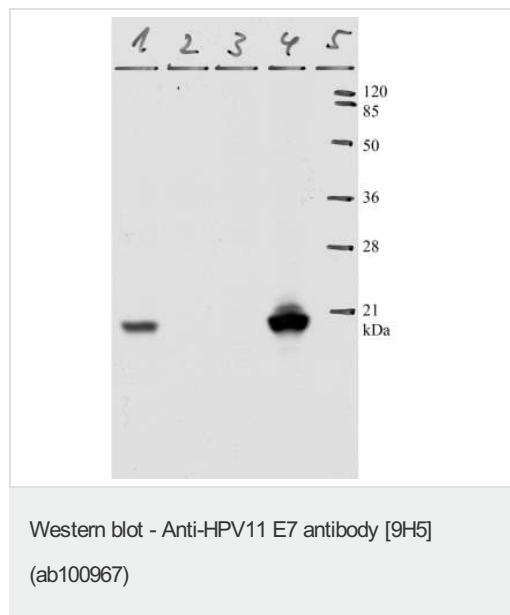
Application	Abreviews	Notes
WB		1/1000. Predicted molecular weight: 11 kDa.
IP		1/500.
ELISA		1/128000.
ICC/IF		Use at an assay dependent dilution.

## Target

### Relevance

Infections by human papillomaviruses (HPV) can cause relatively harmless plantar warts and also more serious genital warts that can increase the risk to women for developing cervical cancer. Infections with HPV11 triggers genital warts. E7 is a protein that is encoded by by HPV11 and is implicated in the disruption of host cells and promoting their proliferation.

## Images



**All lanes** : Anti-HPV11 E7 antibody [9H5] (ab100967) at 1/1000 dilution

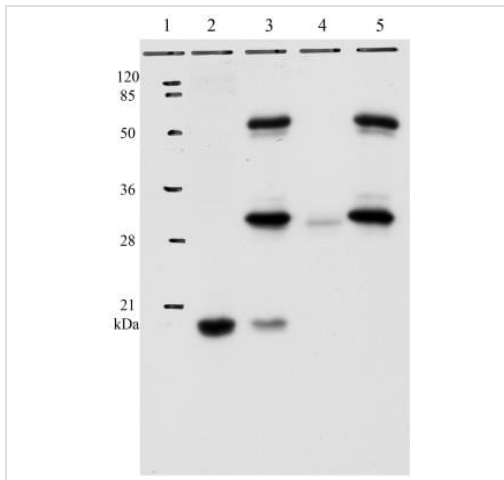
**Lanes 1 & 4** : lysate of U20S cells transfected with plasmid expressing HPV11 E7 protein

**Lane 2** : lysate of plain U20S cells

**Lane 3** : lysate of HeLa cells

**Lane 5** : marker

**Predicted band size:** 11 kDa



Immunoprecipitation - Anti-HPV11 E7 antibody [9H5] (ab100967)

Immunoprecipitation (IP) analysis of HPV11 E7 protein.

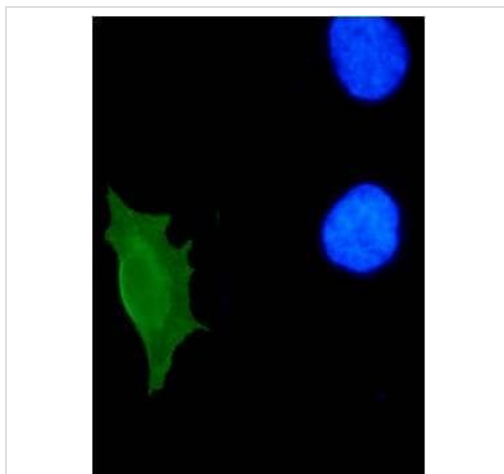
Lane 1 represents the marker.

Lane 2 shows detection of E7 protein by ab100967 in lysate of U2OS cells.

In lane 3 the lower band is precipitated E7, upper bands are light and heavy chain of the antibody.

Lane 4 is precipitation without ab100967

Lane 5 shows IP experiment with plain U2OS cells.



Immunocytochemistry/ Immunofluorescence - Anti-HPV11 E7 antibody [9H5] (ab100967)

Immunofluorescence (IF) analysis of HPV11 E7 protein in U2OS cells.

IF was carried out using U2OS cells transfected with plasmid expressing HPV11 E7 protein. All the nuclei were stained by DAPI. Green color represents nucleus localized HPV11 E7 detected by ab100967. IF analysis of E7 protein shows similar result also in HeLa cells.

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

### Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you

- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

### **Terms and conditions**

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- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors