

Product datasheet

Anti-HPV16 E6 + HPV18 E6 antibody [C1P5], prediluted  
ab51931

2 References 1 Image

Overview

<b>Product name</b>	Anti-HPV16 E6 + HPV18 E6 antibody [C1P5], prediluted
<b>Description</b>	Mouse monoclonal [C1P5] to HPV16 E6 + HPV18 E6, prediluted
<b>Host species</b>	Mouse
<b>Specificity</b>	This antibody is specific for Human Papilloma virus Early Antigen E6, HPV 16 and 18
<b>Tested applications</b>	<b>Suitable for:</b> IHC-Fr, IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human papillomavirus
<b>Immunogen</b>	Recombinant full length protein corresponding to Human papillomavirus HPV16 E6 + HPV18 E6. Database link: <a href="#">P06463</a>
<b>Positive control</b>	IHC-P: HPV-positive vulva carcinoma.
<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. Store at +4°C.
<b>Storage buffer</b>	pH: 7.30 Preservative: 0.09% Sodium azide  Stabilising phosphate buffer, pH 7.3
<b>Purification notes</b>	Purified.
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	C1P5
<b>Isotype</b>	IgG1

## Applications

**The Abpromise guarantee** Our [Abpromise guarantee](#) covers the use of ab51931 in the following tested applications.

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

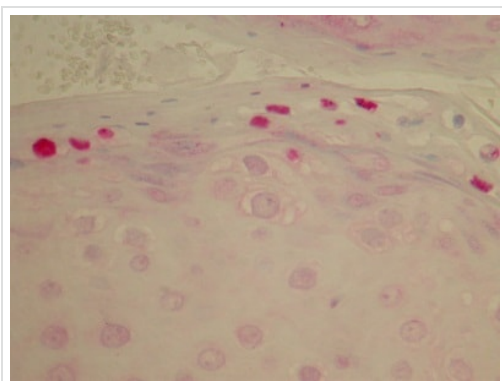
Application	Abreviews	Notes
IHC-Fr		Use at an assay dependent concentration.
IHC-P		Use at an assay dependent concentration.

## Target

### Relevance

Human Papilloma virus (HPV) is responsible for the development of type and tissue specific papilloma in the oral cavity and in the larynx. In the skin papilloma virus can cause different types of warts and in the ano-genital region it is associated with condyloma or carcinoma. HPV types 1,6 and 11 usually are associated with benign transformations of the tissues, while e.g. HPV types 16, 18 and 31 seem to be responsible for the development of some carcinoma like cervical carcinoma. The role of HPV in non-melanoic tumours of the skin is under discussion. Protein E6 is a Transcriptional transactivator, binding double stranded DNA. It has transforming activity inactivating, with E6-AP ubiquitin-protein ligase, the human TP53/p53 tumor suppressor protein by targeting it for degradation.

## Images



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HPV16 E6 + HPV18 E6 antibody [C1P5], prediluted (ab51931)

ab51931 staining HPV 16/18 in combination with biotinylated anti-mouse IgG, Streptavidin-AP and Fast Red staining. Retrieval method was antigen unmasking with citrate buffer pH 6 (2 x 5 min microwave oven 600 Watt). ab51931 was used undiluted, secondary AB 1:200, Streptavidin:AP 1:100.

**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**

---

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