

Product datasheet

Anti-HPV16 L1 antibody [rHPV16L1/1058] ab234309

Recombinant

[2 Images](#)

Overview

Product name	Anti-HPV16 L1 antibody [rHPV16L1/1058]
Description	Mouse monoclonal [rHPV16L1/1058] to HPV16 L1
Host species	Mouse
Tested applications	Suitable for: IHC-P
Species reactivity	Reacts with: Human papillomavirus
Immunogen	Recombinant full length protein corresponding to Human papillomavirus HPV16 L1. Database link: P03101
Positive control	IHC-P: Human cervix tissue.

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C. Avoid freeze / thaw cycle.
Storage buffer	pH: 7.2 Preservative: 0.05% Sodium azide Constituents: PBS, 0.05% BSA
Purity	Protein A/G purified
Purification notes	Purified from Bioreactor Concentrate by Protein A/G.
Clonality	Monoclonal
Clone number	rHPV16L1/1058
Isotype	IgG1

Applications

The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab234309 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-P		Use a concentration of 0.5 - 1 µg/ml. Perform heat mediated antigen retrieval with citrate buffer pH 6 before commencing with IHC staining protocol. Primary incubation for 30 minutes at room temperature

Target

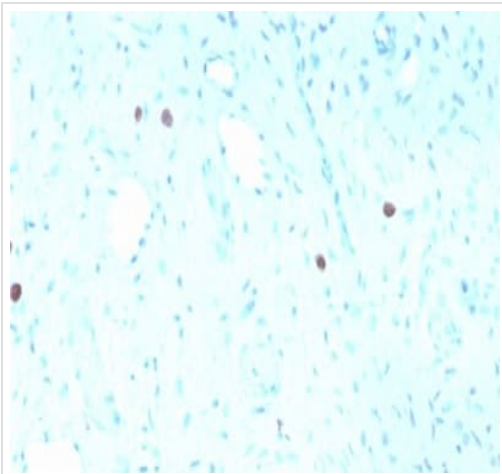
Relevance

L1 is a major capsid protein of type 16 human papilloma virus. 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.

Cellular localization

Virion. Host Nucleus.

Images



Formalin-fixed, paraffin-embedded human cervix tissue stained for HPV16 L1 using ab234309 at 1 µg/ml in immunohistochemical analysis.

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-HPV16 L1 antibody [rHPV16L1/1058] (ab234309)

Why choose a recombinant antibody?



Research with confidence
Consistent and reproducible results



Long-term and scalable supply
Recombinant technology



Success from the first experiment
Confirmed specificity



Ethical standards compliant
Animal-free production

Anti-HPV16 L1 antibody [rHPV16L1/1058]
(ab234309)

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

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