

Product datasheet

Recombinant HPV16 L1 protein ab119880

[2 Images](#)

Overview

Product name	Recombinant HPV16 L1 protein
Protein length	Full length protein

Description

Nature	Recombinant
Source	Saccharomyces cerevisiae

Amino Acid Sequence

Accession	P03101
Molecular weight	56 kDa
Amino acids	1 to 531

Specifications

Our [Abpromise guarantee](#) covers the use of **ab119880** in the following tested applications.

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

Applications	ELISA Western blot SDS-PAGE Electron Microscopy
Purity	> 90 % SDS-PAGE. ab119880 is purified by ultracentrifugation.
Form	Lyophilised

Preparation and Storage

Stability and Storage	Shipped at 4°C. After reconstitution store at -20°C. Avoid freeze / thaw cycles. Constituent: 99% PBS
Reconstitution	Reconstitute in 50 ul of water. Then dilute with PBS to the required concentration.

General Info

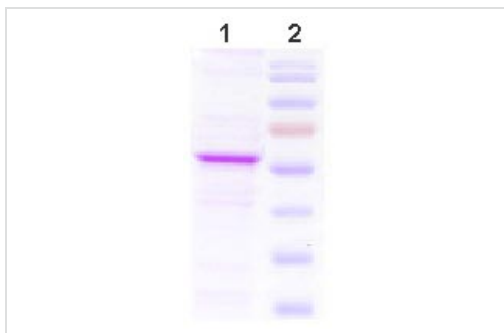
Relevance

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

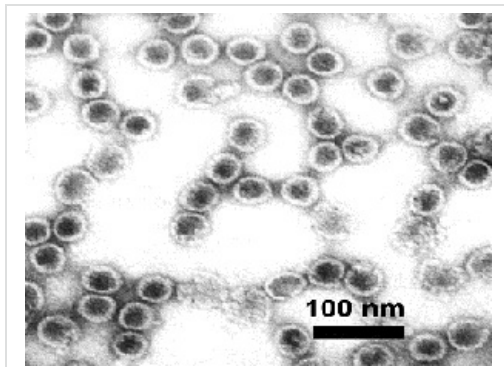


SDS-PAGE analysis of ab119880.

Lane 1. ab119880, 1 µg/lane

Lane 2. MWt marker 11.0, 17.0, 26.0, 34.0, 43.0, 55.0, 72.0, 95.0, 130.0, 170.0 kDa.

SDS-PAGE - HPV16 L1 protein (ab119880)



ab119880 viewed by electron microscopy.

Electron Microscopy - HPV16 L1 protein (ab119880)

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