



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

[mail@szabo-scandic.com](mailto:mail@szabo-scandic.com)

[www.szabo-scandic.com](http://www.szabo-scandic.com)

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

## Anti-Major capsid protein L1 [H263.A2] Standard Size Ab04466-1.29

This is a Fab fragment with a his-tag.

**Isotype and Format:** Mouse Fab fragment, His-Tagged, Kappa

**Clone Number:** H263.A2

**Alternative Name(s) of Target:** L1; Human papillomavirus type 16

**UniProt Accession Number of Target Protein:** P03101

**Published Application(s):** neutralization, ELISA

**Published Species Reactivity:** Human papillomavirus

**Immunogen:** The original antibody was raised by immunizing a BALB/c mouse with HPV-16 or HPV-18 L1 VLPs.

**Specificity:** This antibody is specific for an epitope with amino acids 266–297 and 339–365 being essential residues.

**Application Notes:** The fab version of this antibody was used a neutralization assay, in short both a pre- and post-virus attachment assay was performed on 293TT cells with pseudo virus. The structure of this antibody was determined using cryo-EM (Guan et al., 2015; PMID:25996608). This antibody was used for an ELISA on HPV VLPs (Zhao et al., 2012; PMID:22356831, Rizk et al., 2008; PMID:18089735), and on L1-only VLPs or L1/L2 pseudo virions (Culp et al., 2007; PMID:17222883). This antibody was used for a neutralization assay on 293TT cells that were then infected with the antibody VLP mixture (Rizk et al., 2008; PMID:18089735), a similar experiment was performed on A431 cells (Culp et al., 2007; PMID:17222883).

**Antibody First Published in:** Christensen et al. Surface Conformational and Linear Epitopes on HPV-16 and HPV-18 L1 Virus-like Particles as Defined by Monoclonal Antibodies *Virology*. 1996 Sep 1;223(1):174-84. [PMID:8806551](#)

**Note on publication:** The original paper generated a panel of 24 monoclonal antibodies (MAbs) against human papillomavirus (HPV) types 16 and 18 L1 virus-like particles (VLPs).

### Product Form

**Size:** 100 µg Purified antibody.

**Purification:** Purified by Immobilized Metal Affinity Chromatography

**Supplied In:**

PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. For longer storage, aliquot and store at -20°C.

**Concentration:** 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.