



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

www.szabo-scandic.com

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

Anti-Major capsid protein L1 [H16.1A] Standard Size Ab04465-1.29

This is a Fab fragment with a his-tag.

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

Clone Number: H16.1A

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

UniProt Accession Number of Target Protein: P03101

Published Application(s): in vitro, neutralization, SPR

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 a conformational epitope covering amino acids 266–297 and 339–365.

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 surface plasmon resonance on virus like particles (Towne et al., 2013; PMID:23159495). This antibody was used for an ELISA on HPV-16 L1wt VLPs. This antibody was used for a neutralization assay on HPV-16 pseudo virions, in short the antibody was incubated with HPV-16 pseudo virions, then an attempt was made to infect cervical carcinoma C33A cells with the mixture. This antibody showed some neutralization (Christensen et al., 2001; PMID:11878901).

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.