



# 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

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## Anti-Major capsid protein L1 [H16.U4] Ab04476-2.0-BT

**Isotype and Format:** Mouse IgG2a, Kappa

**Clone Number:** H16.U4

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

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

**Published Application(s):** WB, 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 amino acids 427 to 445 of the C-terminal arm of L1.

**Application Notes:** The original antibody was used for an ELISA on intact papillomavirus and virus like particles contained L1 protein of different papillomavirus genotypes, and on L1 protein (Guan et al., 2015; PMID:26401038), on HPV quasivirus (Guan et al., 2017; PMID:29211035), and on HPV virus like particles (Carter et al., 2003; PMID:14557648). Further this antibody was used for a western blot on L1 protein (Christensen et al., 1996; PMID:8806551). The structure of this antibody was determined using cryo-EM (Guan et al., 2015; PMID:26401038, Guan et al., 2017; PMID:29211035).

**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:** 1 mg Purified antibody in bulk size.

**Purification:** Protein A affinity purified

**Supplied In:** PBS only.

**Storage Recommendation:** Store at 4°C for up to 3 months. Note, this antibody is provided without added preservatives, it is therefore recommended this antibody be handled under sterile conditions. 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.