



# 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 [28F10] Bulk Size Ab04420-2.0-BT

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

**Clone Number:** 28F10

**Alternative Name(s) of Target:** L1; ORF putative L1; Major capsid protein L1

**UniProt Accession Number of Target Protein:** Q81971

**Published Application(s):** crystallography, SPR

**Published Species Reactivity:** Human papillomavirus 59

**Immunogen:** The original version of this antibody was raised by immunizing a mouse with HPV58 and HPV59 VLPs.

**Specificity:** This antibody is specific for the HPV59 FG loop of a single monomer.

**Application Notes:** The original version of this antibody was used for surface plasmon resonance on HPV58 and HPV59 pentamers. The structure of the antibody was determined using x-ray diffraction. Further the structure of the antibody was determined using cryo-EM (Zhihai et al., 2017; PMID:28951471).

**Antibody First Published in:** Li et al. Crystal Structures of Two Immune Complexes Identify Determinants for Viral Infectivity and Type-Specific Neutralization of Human Papillomavirus mBio. 2017 Sep 26;8(5):e00787-17. [PMID:28951471](#)

**Note on publication:** The original paper shows that the epitopes of A12A3 are clustered in the DE loops of two adjacent HPV58 L1 monomers, whereas 28F10 recognizes the HPV59 FG loop of a single monomer.

### 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.