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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Major capsid protein L1 [H16.1A] Standard Size Ab04465-1.1

Isotype and Format: Mouse IgG1, 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: Protein A affinity purified

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.