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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Major capsid protein L1 [H263.A2] Standard Size Ab04466-23.0

Isotype and Format: Rabbit IgG, 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: 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.