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Produktinformation



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-Major capsid protein L1 [A12A3] Standard Size Ab04421-23.0

Isotype and Format: Rabbit IgG, Kappa

Clone Number: A12A3

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

UniProt Accession Number of Target Protein: P26535

Published Application(s): crystallography, SPR

Published Species Reactivity: Human papillomavirus 58

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 DE loops of two adjacent HPV58 L1 monomers.

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: 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.