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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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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] Ab04476-2.3-BT

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

This is a reformatted mouse IgG2a Fc Silent™ antibody, based on the original mouse IgG2a format, created for improved compatibility with existing reagents, assays and techniques.

Isotype and Format: Mouse IgG2a, [Fc Silent™](#), 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.