Product Datasheet

HPV16 L1 Antibody (CamVir 1) - BSA Free
NB100-2732

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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Publications: 17

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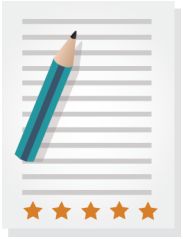

NB100-2732

HPV16 L1 Antibody (CamVir 1) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	CamVir 1
Preservative	0.05% Sodium Azide
Isotype	IgG2a
Purity	Protein A purified
Buffer	PBS
Target Molecular Weight	56 kDa

Product Description	
Description	Novus Biologicals Mouse HPV16 L1 Antibody (CamVir 1) - BSA Free (NB100-2732) is a monoclonal antibody validated for use in IHC, WB, ELISA, ICC/IF and IP. Anti-HPV16 L1 Antibody: Cited in 15 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Species	Virus
Reactivity Notes	Human Papillomavirus (HPV)
Specificity/Sensitivity	Cross reacts with HPV37. Reacts very strongly with biopsy specimins containing HPV16 or HPV33; very weak reactions were occasionally observed with biopsy specimens or smears containing HPV6 or HPV11.
Immunogen	A beta galactosidase-L1 fusion protein purified by PAGE.

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunoprecipitation, Knockdown Validated
Recommended Dilutions	Western Blot 1:100-1:2000, ELISA 1:1000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence reported in scientific literature (PMID 24231739), Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Knockdown Validated reported in scientific literature (PMID 32210347)
Application Notes	This HPV16 L1 (CamVir 1) antibody antibody reacts with a 56 kDa protein in cells infected with L1-vaccinia virus, the protein being present in a predominantly nuclear location.

Publications

Hirano T. Alcohol Consumption and Oxidative DNA Damage International Journal of Environmental Research and Public Health 2011-07-01 [PMID: 21845164]

Pushparajah D Design of a DNA-Encoded Human Papilloma Virus-Like Particle Displaying a Vascular Endothelial Growth Factor Antagonistic Peptide for Characterization in Mammalian Cells Thesis 2022-01-01 (WB, Virus)

Finke J Structural and functional characterization of the HPV16 entry platform on the cell surface Thesis 2020-01-01 (WB)

Finke J, Mikulicic S, Loster AL et al. Anatomy of a viral entry platform differentially functionalized by integrins alpha 3 and alpha 6 Sci Rep 2020-03-24 [PMID: 32210347] (WB, KD, Human)

Park DS, Selvey LA, Kelsall SR et al. Human papillomavirus type 16 E6, E7 and L1 and type 18 E7 proteins produced by recombinant baculoviruses. J Virol Methods. 1993-12-31 [PMID: 8106603]

McLean CS, Churcher MJ, Meinke J et al. Production and characterisation of a monoclonal antibody to human papillomavirus type 16 using recombinant vaccinia virus. J Clin Pathol. 1990-06-01 [PMID: 2166093] (WB, IHC-P)

Carter JJ, Wipf GC, Benki SF et al. Identification of a human papillomavirus type 16-specific epitope on the C-terminal arm of the major capsid protein L1. J Virol. 2003-11-01 [PMID: 14557648] (WB, ELISA)

Orozco J, Carter JJ, Koutsky LA, Galloway DA. Humoral immune response recognizes a complex set of epitopes on human papillomavirus type 6 l1 capsomers J Virol. 2005-08-01 [PMID: 16014913] (WB)

Benyacoub J, Hopkins S, Potts A et al. The nature of the attenuation of Salmonella typhimurium strains expressing human papillomavirus type 16 virus-like particles determines the systemic and mucosal antibody responses in nasally immunized mice. Infect Immun. 1999-07-01 [PMID: 10377159] (WB)

Caparros-Wanderley W, Savage N, Hill-Perkins M et al. Intratype sequence variation among clinical isolates of the human papillomavirus type 6 L1 ORF: clustering of mutations and identification of a frequent amino acid sequence variant. J Gen Virol. 1999-04-01 [PMID: 10211973] (WB)

Nardelli-Haefliger D, Roden RB, Benyacoub J et al. Human papillomavirus type 16 virus-like particles expressed in attenuated Salmonella typhimurium elicit mucosal and systemic neutralizing antibodies in mice. Infect Immun. 1997-08-01 [PMID: 9234794] (WB)

Kirnbauer R, Booy F, Cheng N et al. Papillomavirus L1 major capsid protein self-assembles into virus-like particles that are highly immunogenic. Proc Natl Acad Sci USA. 1992-12-15 [PMID: 1334560] (WB)

More publications at http://www.novusbio.com/NB100-2732

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Products Related to NB100-2732

NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)

Limitations
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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