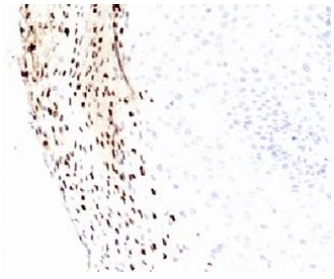
HPV-16 L1 Antibody [clone MCAPL1] (V7185)

Catalog No.	Formulation	Size
V7185-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V7185-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V7185SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Type 16 of Human Papilloma Virus (HPV-16)
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a, kappa
Clone Name	MCAPL1
Purity	Protein G affinity chromatography
UniProt	P03101
Localization	Nuclear
Applications	Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT (1)
Limitations	This HPV-16 L1 antibody is available for research use only.



IHC testing of FFPE human cervix with HPV-16 L1 antibody (clone MCAPL1). FFPE testing requires sections to be boiled in pH 9 10mM Tris with 1mM EDTA for 10-20 minutes, followed by cooling at RT for 20 minutes, prior to staining.

Description

Infection with specific types of HPV has been associated with an increased risk of developing cervical neoplasia. HPV types 6 and 11 have been associated with relatively benign diseases such as genital warts but types 16 and 18 are strongly associated with cervical, vaginal, and vulvar malignancies.

Application Notes

Titering of the HPV-16 L1 antibody may be required for optimal performance.

Immunogen

Human papilloma virus type 16, major capsid protein L1, was used as the immunogen for the HPV-16 L1 antibody.

Storage

Store the HPV-16 L1 antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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