

Mouse Anti-HPV [K1H8]: MC0430, MC0430RTU7

Intended Use: For Research Use Only

Description: Human papillomaviruses are a diverse group of DNA-based viruses. More than 100 different human papillomavirus (HPV) types have been characterized. Some HPV types cause benign skin warts, or papillomas, for which the virus family is named. HPVs associ. Anti-human papillomavirus, clone SB24 reacts with an epitope of a major capsid protein of HPV, which is broadly expressed among the different HPV subtypes. Papilloma virus is non-enveloped double stranded circular DNA virus with icosahedral capsid. Clone K1H8 reacts with human papilloma virus type 6, 11, 16, 18, 31, 33, 42, 51, 52, 56 and 58.

Specifications

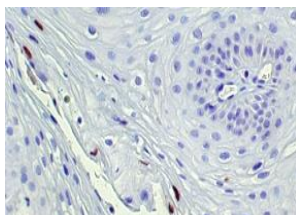
Clone: K1H8
Source: Mouse
Isotype: IgG1/ κ
Reactivity: HPV
Localization: Nucleus
Formulation: Purified antibody in PBS pH 7.2, containing < 0.2% BSA and < 15mM sodium azide (NaN₃)
Storage: Store at 2°- 8°C. For longer periods of storage, store at -20°C. Avoid repeat freeze-thaw cycles
Applications: IHC
Package:

Description	Catalog No.	Size
HPV Concentrated	MC0430	1 ml
HPV Prediluted	MC0430RTU7	7 ml

IHC Procedure*

Positive Control Tissue: HPV infected cells of tissue
Concentrated Dilution: 10-20
Pretreatment: Citrate pH6.0 or EDTA pH8.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C
Incubation Time and Temp: 30-60 minutes @ RT
Detection: Refer to the detection system manual

* Result should be confirmed by an established diagnostic procedure.



FFPE human uterine cervix condyloma tissue stained with anti-HPV using DAB

References:

1. Double demonstration of oncogenic high risk human papilloma virus DNA and HPV-E7 protein in oral cancers. Pannone G, et al. Int J Immunopathol Pharmacol. 2011 Apr-Jun;24(2 Suppl):95-101.
2. Association between human papillomavirus infection and laryngeal squamous cell carcinoma. Morshed K. J Med Virol. 2010 May;82(6):1017-23. doi: 10.1002/jmv.21749.
3. Comparative detection of high-risk HPV (16, 18, 33) in cervical bioptic material of county hospital of Tg. Mures.Pávai Z, et al. Rom J Morphol Embryol. 2006;47(3):229-34.
4. Detection of capsid antigen of human papillomavirus (HPV) in benign lesions of female genital tract using anti-HPV monoclonal antibody. Iwasaki T, et al. J Pathol. 1992 Nov;168(3):293-300.

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