

HPV (CAMVR-1 & C1P5) Mouse Monoclonal Antibody

Host: Mouse
Specificity: Human
Immunogen: Human papilloma virus type 16 major capsid protein L1 and recombinant full-length protein
Ig Class: IgG2a/k + IgG1/k
Storage: Store at 2-8°C for up to 2 years for concentrate form and 18 months for predilute form.

Specifications: HPV (CAMVR-1 & C1P5) Mouse Monoclonal primary antibody detects HPV protein in formalin-fixed, paraffin-embedded samples by immunohistochemical (IHC) staining.

Staining procedures: Use formalin-fixed and paraffin-embedded sections. Retrieval conditions: Pretreatment of deparaffinized samples via heat-induced epitope retrieval is recommended. Detection method: Polymer anti-mouse/rabbit Ig detection system. Working dilution: 1:100-200. Positive Control: sample known to contain HPV protein.

Localization: Nuclei of infected cells.

Intended Use: Research Use Only (RUO). This antibody is not for diagnostic use.

Description: Human papilloma viruses (HPVs) can be classified as either high risk or low risk according to their association with cancer. HPV16 and HPV18 are the most common of the high-risk group while HPV6 and HPV11 are among the low risk types. Approximately 90% of cervical cancers contain HPV DNA of the high-risk types. Mutational analysis has shown that the E6 and E7 genes of the high-risk HPVs are necessary and sufficient for HPV transforming function. The antibody reacts very strongly with formalin-fixed, paraffin-embedded tissues containing HPV-16, -18 or -33.

Supplied As: Purified antibody in Tris-HCl pH 7.4 buffer containing stabilizing proteins (including < 1% Bovine Serum Albumin) and < 0.1% ProClin by volume.

References:

1. Bishop JA, et al. Am J Surg Pathol. 2017; 41:1690-1701.
2. Hodgson A, et al. Am J Surg Pathol. 2018 Jun 5.



Z2657ML-R/ Z2657MS-R/ Z2657MT-R/ Z2657MP-R (1.0ml Concentrate/ 0.5ml Con./ 0.1ml Con./ 7ml Pre-dil)



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(research
use only)



(lot number)



(catalogue
number)



(expiry date)



(temperature
limit)



(consult
Instructions
for Use)