HPV (CAMVR-1 & C1P5)
Mouse Monoclonal Antibody

Specificity: Humans
Immunogen: Human papillomavirus 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.
Staining procedures: Use formalin-fixed and paraffin-embedded sections. Retrieval conditions: Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. Detection methods: Polymer anti-mouse/rabbit Ig detection system. Working dilution: 1:100-200. Positive Control: HPV-infected cells of tissue. Localization: Nuclei of infected cells. Intended Use: Research Use Only (RUO).

Description: Human papillomaviruses (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 strongly with formalin-fixed, paraffin-embedded tissues containing HPV-16, -18 or -33.

Intended Use: This antibody is intended for research use only (RUO). HPV(CAMVR-1 & C1P5) monospecific Mouse Monoclonal primary antibody is intended for laboratory use in the detection of HPV in formalin-fixed, paraffin-embedded tissue by immunohistochemical (IHC) staining. The staining results should be interpreted by qualified pathologists in conjunction with the patient's relevant clinical history.

Supplied As: Purified antibody in Tris-HCl buffer containing stabilizing protein and <0.1% ProClin.

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.

REF

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

| C | DIL | S | S |
| (concentrate) | (dilution) | (supernatant) | (predilute) |