HPV-16 L1 Antibody [clone HPV16L1/1058] (V3086CF488)

Catalog No.	Formulation	Size
V3086CF488-100T	500 ul at 0.1 mg/ml with 0.1 mg/ml BSA (US sourced), 0.05% sodium azide	100 Tests

Bulk quote request

Availability	1-3 business days
Species Reactivity	Type 16 of Human Papilloma Virus (HPV-16).
Format	CF488 Conjugate
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG2a, kappa
Clone Name	HPV16L1/1058
Purity	Protein G affinity chromatography
UniProt	P03101
Localization	Nuclear
Applications	Flow cytometry: 5ul per test per one 10^6 cells in 0.1ml or 5ul per 100ul of whole blood Immunofluorescence: 1-2ug/ml
Limitations	This HPV-16 L1 antibody is available for research use only.



Description

Reacts with a protein of 57kDa, identified as the L1 protein of human papilloma virus type 16 (HPV-16). It is the major capsid protein of HPV-16. 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. The antibody reacts very strongly

with formalin-fixed, paraffin-embedded tissues containing HPV-16 or -33; very weak reactions were occasionally observed with biopsy specimens or smears containing HPV-6 or HPV-11. It cross-reacts with HPV37.

Application Notes

Optimal dilution of the HPV-16 L1 antibody should be determined by the researcher.

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, protected from light.

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