

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 2-8°C, protected from light.