

HPV16-E7 Antibody HRP Conjugated

Catalog No: #C00767H

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Description

| | |
|-----------------------|---|
| Product Name | HPV16-E7 Antibody HRP Conjugated |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Isotype | IgG |
| Purification | Purified by Protein A. |
| Applications | ,IHC-P,IHC-F,ICC |
| Species Reactivity | Hu |
| Crossing Reactivity | HPV16 |
| Immunogen Description | KLH conjugated synthetic peptide aa 50-98 98 derived from middle of HPV16-E7 |
| Conjugates | HRP |
| Target Name | HPV16-E7 |
| Other Names | Protein E7; E7 |
| Accession No. | Swiss-Prot#P03129NCBI Gene ID1489079 |
| Uniprot | P03129 |
| GeneID | 1489079; |
| Excitation Emission | N A |
| Concentration | 1mg ml |
| Formulation | 0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol. |
| Storage | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |

Application Details

IHC-P=1:50-200 IHC-F=1:50-200 ICC=1:50-200

Background

Plays a role in viral genome replication by driving entry of quiescent cells into the cell cycle. Stimulation of progression from G1 to S phase allows the virus to efficiently use the cellular DNA replicating machinery to achieve viral genome replication. E7 protein has both transforming and trans-activating activities. Induces the disassembly of the E2F1 transcription factor from RB1, with subsequent transcriptional activation of E2F1-regulated S-phase genes. Interferes with host histone deacetylation mediated by HDAC1 and HDAC2, leading to transcription activation. Plays also a role in the inhibition of both antiviral and antiproliferative functions of host inteferon alpha.

Note: This product is for in vitro research use only