

## 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