E7 Antibody, HRP conjugated

PACO34851

Product Information

Size:

50ug

Reactivity:

Human papillomavirus type 18

Source:

Rabbit

Isotype:

IgG

Applications:

ELISA

Recommended dilutions:

Protein Background:

E7 protein has both transforming and trans-activating activities. Disrupts the function of host retinoblastoma protein RB1/pRb, which is a key regulator of the cell cycle. Induces the disassembly of the E2F1 transcription factors from RB1, with subsequent transcriptional activation of E2F1-regulated S-phase genes. Inactivation of the ability of RB1 to arrest the cell cycle is critical for cellular transformation, uncontrolled cellular growth and proliferation induced by viral infection. Stimulation of progression from G1 to S phase allows the virus to efficiently use the cellular DNA replicating machinery to achieve viral genome replication. Interferes with histone deacetylation mediated by HDAC1 and HDAC2, leading to activation of transcription.

Gene ID:

E7

Uniprot

P06788

Synonyms:

Protein E7, E7

Immunogen:

Recombinant Human papillomavirus type 18 Protein E7 protein (1-105AA).

Storage:

Preservative: 0.03% Proclin 300. Constituents: 50% Glycerol, 0.01M PBS, PH 7.4

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Product Images

N/A N/A