

Product datasheet for **AM26115PU-N**

HPV11 E7 Protein (36-70) Mouse Monoclonal Antibody [Clone ID: 9H5]

Product data:

Product Type:	Primary Antibodies
Clone Name:	9H5
Applications:	ELISA, IF, IP, WB
Recommended Dilution:	Immunofluorescence. Immunoprecipitation (using recombinant HPV-11 E7- protein): 1:500. ELISA (using recombinant HPV-11 E7- protein): 1:128 000. Western blot (using recombinant HPV-11 E7- protein): 1:1000.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Recombinant full-length HPV-11 E7-protein purified from bacteria
Specificity:	This antibody detects HPV11 Protein E7 at 36-70. Reacts in WB, IP, and ELISA with HPV-11 native E7-protein as well recombinant E7-protein expressed in bacteria and Cos-7 cells.
Formulation:	PBS pH 7.4, with 0.09% sodium azide State: Aff - Purified State: Liquid Ig fraction
Concentration:	lot specific
Purification:	Affinity chromatography
Conjugation:	Unconjugated
Storage:	Upon receipt, store (in aliquots) at -20 to -70 °C. Avoid repeated freezing and thawing.
Stability:	Shelf life: One year from despatch.
Database Link:	P04020



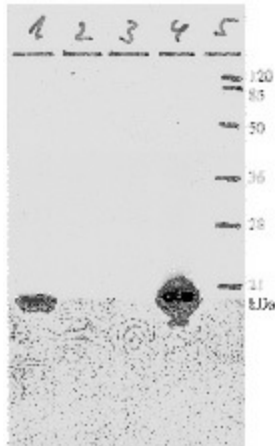
[View online »](#)

Background:

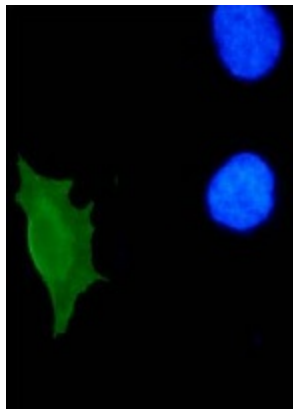
Human papillomaviruses (HPV) are small DNA viruses which infect epithelia of the skin and mucosa. Over 90 types have been identified and they mostly cause a variety of benign lesions such as warts and verrucae. However, some subtypes, notably types 16 and 18, 31 and 33, have been confirmed as agents which cause cervical cancer. Human Papillomavirus (HPV) E2 proteins are the major viral regulators of transcription and replication during the viral life cycle.

Synonyms:

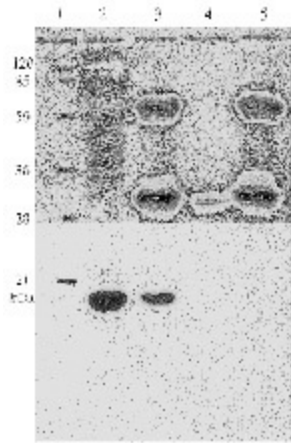
Human Papilloma Virus type 11 Early Protein E7

Product images:


Western blot analysis of HPV-11 E7 protein. WB was carried out with 9H5 Mab using the lysates of U2OS and Hela cells. Lines 1 and 4 are according cells transfected with plasmid expressing HPV-11 E7 protein, lines 2 and 3 non-transfected U2OS and Hela cells



IF analysis of HPV-11 E7 protein in U2OS cells. IF was carried out with U2OS cells transfected with plasmid expressing HPV-11 E7 protein. All the nuclei were stained by DAPI. Green color represents nucleuslocalized HPV-11 E7 detected by Mab 9H5. IF analysis



IP analysis of HPV-11 E7 protein. Line 2 detection of E7 protein by Mab 9H5 in lysate of U20S cells. Line 3 the lower band is precipitated E7, upper bands are light and heavy chain of Mab. Line 4 is precipitation without mab 8G6 and Line 5. lane shows IP e