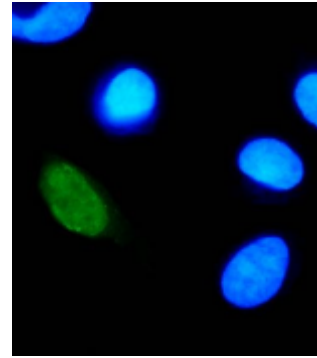


AM26113PU-N**Monoclonal Antibody to HPV11 E2 protein (202-284) - Aff - Purified**

Alternate names:	HPV-11 E2, HPV11 E2, Human papilloma virus type 11
Quantity:	0.1 mg
Concentration:	1.0 mg/ml
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.
Uniprot ID:	P04015
NCBI:	10580
Host / Isotype:	Mouse / IgG1
Clone:	10E12
Immunogen:	Recombinant full-length HPV-11 E2-protein purified from E. coli
Format:	State: Liquid Ig fraction Purification: Affinity chromatography Buffer System: PBS pH 7.4, with 0.09% sodium azide
Applications:	Immunofluorescence. Titer using recombinant HPV-11 E2- protein: ELISA: 1:32 000. Western blot: 1:1000. The antibody does NOT work in Immunoprecipitation! Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody detects HPV-11 E2 protein at aa 202-284. Reacts in WB and ELISA with HPV-11 native E2-protein as well recombinant E2-protein expressed in bacteria and Cos-7 cells.
Storage:	Upon receipt, store (in aliquots) at -20 to -70 °C. Avoid repeated freezing and thawing. Shelf life: One year from despatch.

Pictures:

IF analysis of HPV-11 E2 protein in U2OS cells. IF was carried out with U2OS cells transfected with plasmid expressing HPV-11 E2 protein. All the nuclei were stained by DAPI. Green color represents nucleus-localized HPV-11 E2 detected by Mab 10E12. IF analysis of E2 protein show similar result also in HeLa cells.



Western blot analysis of HPV-11 E2 protein. WB was carried out with 10E12 Mab using the lysates of U2OS and HeLa cells. Lines 1 and 4 are according cells transfected with plasmid expressing HPV-11 E2 protein, lines 2 and 3 Nontransfected U2OS and HeLa cells. Line 5. Protein size marker.

