

## Product datasheet for **AM26117PU-N**

### HPV18 E7 Protein (1-35) Mouse Monoclonal Antibody [Clone ID: 10A8]

#### Product data:

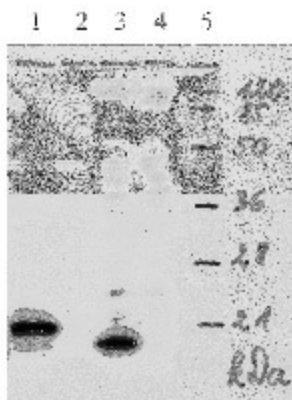
|                       |   |
|-----------------------|---|
| Product Type:         | Primary Antibodies  |
| Clone Name:           | 10A8  |
| Applications:         | ELISA, IF, IP, WB   |
| Recommended Dilution: | Immunofluorescence.<br>Immunoprecipitation (using recombinant HPV-18 E7- protein): 1:500.<br>ELISA (using recombinant HPV-18 E7- protein): 1:256 000.<br>Western blot (using recombinant HPV-18 E7- protein): 1:1000.   |
| Reactivity:           | Human   |
| Host:                 | Mouse   |
| Isotype:              | IgG1  |
| Clonality:            | Monoclonal  |
| Immunogen:            | Recombinant full-length HPV-18 E7-protein purified from bacteria  |
| Specificity:          | This antibody detects HPV18 E7 Protein at aa 1-35.  |
| Formulation:          | PBS pH 7.4, with 0.09% sodium azide<br>State: Aff - Purified<br>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:        | <a href="#">P06788</a>  |
| 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. |



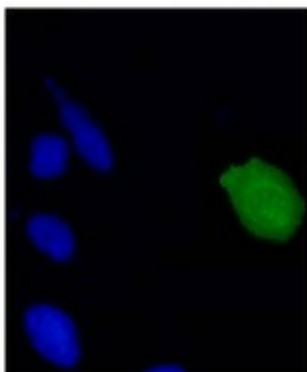
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**Synonyms:** Human Papilloma Virus Early protein 7

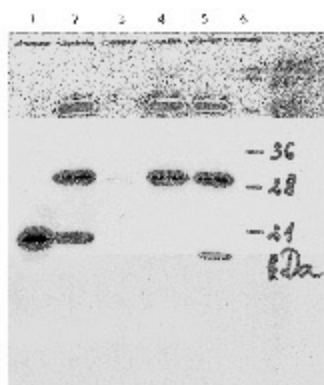
**Product images:**



Western-Blot analysis of HPV-18 E7 protein. WB was carried out with 10A8 Mab using the lysates of U2OS, HeLa and SiHa cells. Line 1: U2OS with plasmid expressing E7 protein, Line 2. Non-transfected plain U2OS cells. Lines 3 and 4. Lysate of HeLa and SiHa ce



IF analysis of HPV-18 E7 protein in U2OS cells. IF was carried out with U2OS cells transfected with plasmid expressing HPV-18 E7 protein. All the nuclei were stained by DAPI. Green color represents nucleuslocalized HPV-18 E7 detected by Mab 10A8. IF analys



IP analysis of HPV-18 E7 protein. Line 1. detection of E7 protein by Mab 10A8 in lysate of U2OS cells. Line 2. the lower band is precipitated E7, upper bands are light and heavy chain of Mab. Line 3. precipitation without mab 10A8. Line 4. IP exp. with non