

OriGene Technologies, Inc.

9620 Medical Center Drive, Ste 200 Rockville, MD 20850 UNITED STATES Phone: +1-888-267-4436 Fax: +1-301-340-8606 techsupport@origene.com

## **OriGene Technologies GmbH**

Schillerstr. 5 32052 Herford GERMANY Phone: +49-5221-34606-0 Fax: +49-5221-34606-11 info-de@origene.com

## AM10096SU-N Monoclonal Antibody to HPV pan - Supernatant

| Alternate names:    | Human Papilloma Virus   |
|---------------------|---|
| Quantity:           | 1 ml  |
| Background:         | Human papillomaviruses (HPV) are small DNA viruses which infect epithelia of the<br>skin and mucosa. Over 90 types have been identified and they mostly cause a variety<br>of benign lesions such as warts and verrucae. However, some subtypes, notably types<br>16 and 18, 31 and 33, have been confirmed as agents which cause cervical<br>cancer.Human papilloma virus is non-enveloped double stranded circular DNA virus<br>with icosahedral capsid. Clone K1H8 reacts with human papilloma virus type 6, 11, 16,<br>18, 31, 33, 42, 51, 52, 56 and 58. |
| Host / Isotype:     | Mouse / IgG1  |
| Clone:              | K1H8  |
| Immunogen:          | Alkaline disrupted HPV type 1   |
| Format:             | State: Liquid Tissue Culture Supernatant with 0.2% BSA and 15mM Sodium Azide.   |
| Applications:       | <ul> <li>Immunohistochemistry on Formalin-Fixed, Paraffin-Embedded Sections: 1/20</li> <li>Pretreatment of deperaffinized tissue with heat-induced epitope retrieval is recommended.</li> <li>Use Polymer anti Mouse/Rabbit IgG as a detection system.</li> <li><i>Positive Control:</i> HAV infected cells of tissue.</li> <li>Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.</li> </ul>   |
| Specificity:        | Clone K1H8 reacts with Human Papilloma Virus type 6, 11, 16, 18, 31, 33, 42, 51, 52, 56<br>and 58.<br><i>Cellular Localization:</i> Nuclei of infected cells.   |
| Species Reactivity: | Tested: Human.  |
| Storage:            | Store the antibody undiluted at 2-8°C.<br>Shelf life: one year from despatch.   |
| Pictures:           | Formalin-Fixed, Paraffin-Embedded<br>Human cervical carcinoma stained with<br>HPV antibody CatNo. AM10096SU-N<br>using peroxidase conjugate and DAB<br>chromogen. Note the nuclear staining of<br>carcinoma cells.  |

For research and in vitro use only. Not for diagnostic or therapeutic work. Material Safety Datasheets are available at www.acris-antibodies.com or on request.