



## Monoclonal anti-E6 HPV16 (human papillomavirus type 16 E6 oncoprotein)

The E6 of human papillomavirus type 16 (HPV16) is a 158 aa protein expressed in transformed human cells after infection. E6 protein mediates the degradation of the cellular p53 tumour suppressor protein. It activates transcription of the telomerase gene and acts as a DNA-binding protein with high affinity for four-way DNA junctions. In addition to p53, E6 interacts with a variety of cellular proteins, of which a significant number act at the transcriptional level. E6 is present in a large number of cervical carcinomas.

### NB-01-0025

**Volume:** 100 µl

**Clones:** 2E-3F8

**Immunogen:** Human papillomavirus type 16 (HPV16) E6 fragment from K101 to R151 as a fusion protein.

**Murine Isotype:** IgG2a, k

**Specificity:** HPV16, HPV31, HPV33, HPV52 and HPV58 isoforms. The epitope was mapped precisely at H133-R138.

#### Applications:

- ELISA
- Western Blot (natural and recombinant proteins)
- Immunocytofluorescence
- Immunoprecipitation

**Recommended dilutions:** 1/500-1/5000

#### Storage:

- Store at -20°C (up to 3 years)
- Avoid repeat freezing and thawing cycles. Does not contain any preservative

#### References:

Lagrange et al. 2005. Journal of General Virology. in press.