bs-0990R **[Primary Antibody]**

HPV16 E6 Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

Target: HPV16 E6

Immunogen: KLH conjugated synthetic peptide derived from HPV16 E6: 85-158/158.

Purification: affinity purified by Protein A

Concentration: 1mg/ml

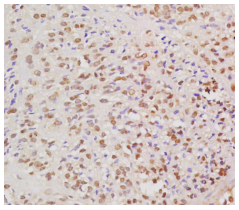
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Applications: **IHC-P** (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)
Flow-Cyt (1ug/Test)

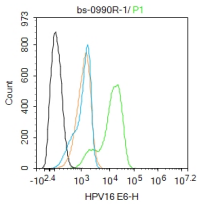
Reactivity: HPV16

Predicted MW.: 11 kDa

VALIDATION IMAGES



Tissue/cell: human cervical carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-HPV16-E6 Polyclonal Antibody, Unconjugated(bs-0990R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Blank control（black line）:Hela. Primary Antibody (green line): Rabbit Anti-HPV16 E6 antibody (bs-0990R) Dilution:1ug/Test; Secondary Antibody（white blue line）: Goat anti-rabbit IgG-AF488 Dilution: 0.5ug/Test. Isotype control（orange line）: Normal Rabbit IgG Protocol The cells were fixed with 4% PFA (10min at room temperature)and then permeabilized with 90% ice-cold methanol for 20 min at -20°C, The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature .Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

SELECTED CITATIONS

- **[IF=7.46]** Yanjie Chen. et al. A portable multi-signal readout sensing platform based on plasmonic MXene induced signal amplification for point of care biomarker detection. Sensor Actuat B-Chem. 2022 Feb;352:131059 Other ;. 10.1016/j.snb.2021.131059
- **[IF=4.848]** Tang Jia-Yi. et al. HPV 16 E6/E7 Promote the Glucose Uptake of GLUT1 in Lung Cancer Through Downregulation of TXNIP Due to Inhibition of PTEN Phosphorylation. Front Oncol. 2020 Nov;10:2470 WB ;Humann. 33282728
- **[IF=4.5]** Zongfeng Hu. et al. The anti-tumor efficacy of a recombinant oncolytic herpes simplex virus mediated CRISPR/Cas9 delivery targeting in HPV16-positive cervical cancer. ANTIVIR RES. 2024 Nov;:106035 WB ;Human. 39536909
- **[IF=3.65]** Shao, Jian-Shuang, et al. "HPV16 E6/E7 upregulates HIF-2α and VEGF by inhibiting LKB1 in lung cancer cells."

Tumor Biology 39.7 (2017): 1010428317717137. WB ;Human. 28720067

- **[IF=2.8]** Yang, J. H., et al. "Long-term persistent infection of HPV 16 E6 up-regulate SP1 and hTERT by inhibiting LKB1 in lung cancer cells." PloS one 12.8 (2017): e0182775. WB ;Human. 28813465