

**bs-49102R**

**[ Primary Antibody ]**

## HPV16 E6 Rabbit pAb

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ANTIBODIES

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### — DATASHEET —

**Host:** Rabbit

**Isotype:** IgG

**Clonality:** Polyclonal

**Target:** HPV16 E6

**Purification:** affinity purified by Protein A

**Concentration:** 1mg/ml

**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Store at -20°C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4°C.

**Applications:** WB (1:500-2000)

**IHC-P** (1:100-500)

**IHC-F** (1:400-800)

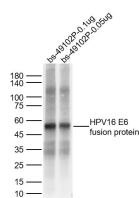
**IF** (1:100-500)

**Flow-Cyt** (1ug/Test)

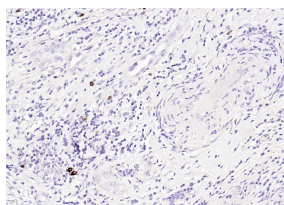
**Reactivity:** Human, HPV16

**Predicted MW.:** 11 kDa

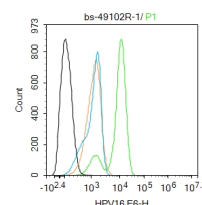
### — VALIDATION IMAGES —



Sample: Lane 1: HPV16 E6 fusion protein (bs-49102P) 0.1ug Lysates Lane 2: HPV16 E6 fusion protein (bs-49102P) 0.05ug Lysates  
Primary: Anti-HPV16 E6 (bs-49102R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 11kDa Observed band size: 50kDa



Paraformaldehyde-fixed, paraffin embedded (human cervical carcinoma); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (HPV16 E6) Polyclonal Antibody, Unconjugated (bs-49102R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Blank control (black line) :Hela. Primary Antibody (green line): Rabbit Anti-HPV16 E6 antibody (bs-49102R) 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=1.3]** Yahang Chen. et al. Human papillomavirus type 16 E7 promotes cell viability and migration in cervical cancer by regulating the miR-23a/HOXC8 axis. J OBSTET GYNAECOL. 2024 Feb 13 WB ;Human. 38348790