

# Human Papillomavirus type 18 E7 antibody [GT881]

## Cat. No. GTX634337

Host	Mouse
Clonality	Monoclonal
Isotype	lgG1
Applications	WB, ICC/IF, ELISA, Lateral Flow
Reactivity	Human papillomavirus type 18

Package 100 μl, 25 μl

## **Applications**

#### **Application Note**

\*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:1000-1:10000
ICC/IF	1:100-1:1000
ELISA	Assay dependent
Lateral Flow	Assay dependent

Note: Capture: GTX638883 / GTX639656, Detection: GTX634337.

Capture: GTX G38883, Detection: GTX G34337 or Capture: GTX G34337, Detection: GTX G38883.

Not tested in other applications.

Product Note

This antibody is specific for Human Papillomavirus type 18 E7 protein, and it does not cross-react with Human

Papillomavirus type 16 E7 protein.

Properties	
Form	Liquid
Buffer	PBS, 20% Glycerol
Preservative	No preservatives
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Full length Human Papilloma virus type 18 E7 recombinant protein.
Purification	Affinity purified by Protein G.
Conjugation	Unconjugated



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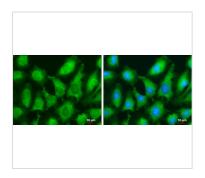


For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

#### Note

Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

#### DATA IMAGES



### GTX634337 ICC/IF Image

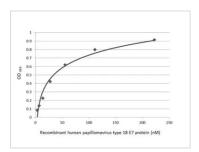
Human Papillomavirus type 18 E7 antibody [GT881] detects Human Papillomavirus type 18 E7 protein at cytoplasm by immunofluorescent analysis.

Sample: HeLa cells were fixed in 4% paraformaldehyde at RT for 15 min.

Green: Human Papillomavirus type 18 E7 stained by Human Papillomavirus type 18 E7 antibody [GT881] (GTX634337) diluted at 1:500.

Blue: Hoechst 33342 staining.

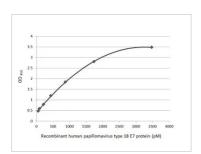
Scale bar= 10µm.



#### GTX634337 ELISA Image

Sandwich ELISA detection of recombinant Human Papillomavirus type 18 E7 protein, His tag (GTX133412-pro) using antibodies as below.

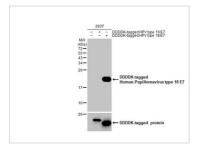
**Capture:** Human Papillomavirus type 18 E7 antibody [HL2522] (GTX638883) (5  $\mu$ g/mL) **Detection:** Human Papillomavirus type 18 E7 antibody [GT881] (GTX634337) (1  $\mu$ g/mL)



#### GTX634337 ELISA Image

Sandwich ELISA detection of recombinant Human Papillomavirus type 18 E7 protein, His tag (GTX133412-pro) using antibodies as below.

**Capture:** Human Papillomavirus type 18 E7 antibody [GT881] (GTX634337) (5  $\mu$ g/mL) **Detection:** Human Papillomavirus type 18 E7 antibody [HL2522] (GTX638883) (1  $\mu$ g/mL)



## GTX634337 WB Image

Non-transfected (–) and transfected (+) 293T whole cell extracts (30  $\mu$ g) were separated by 15% SDS-PAGE, and the membrane was blotted with Human Papillomavirus type 18 E7 antibody [GT881] (GTX634337) diluted at 1:5000. The HRP-conjugated anti-mouse IgG antibody (GTX213111-01) was used to detect the primary antibody.



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