

## Human Papillomavirus type 18 E7 antibody [GT881]

**Cat. No. GTX634337**

<b>Host</b>	Mouse
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG1
<b>Applications</b>	WB, ICC/IF, ELISA, Lateral Flow, Sandwich ELISA
<b>Reactivity</b>	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
Sandwich ELISA	Assay dependent

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

**Capture : GTX638883, Detection : GTX634337 or Capture : GTX634337, Detection : GTX638883.**

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

<b>Form</b>	Liquid
<b>Buffer</b>	PBS, 20% Glycerol
<b>Preservative</b>	No preservatives
<b>Storage</b>	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.
<b>Concentration</b>	1 mg/ml (Please refer to the vial label for the specific concentration.)
<b>Immunogen</b>	Full length Human Papilloma virus type 18 E7 recombinant protein.
<b>Purification</b>	Affinity purified by Protein G.
<b>Conjugation</b>	Unconjugated



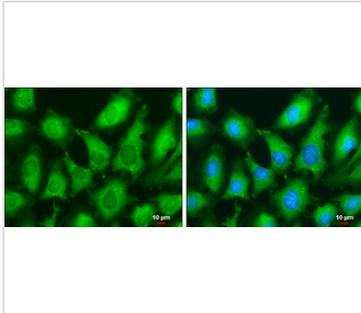
For full product information, images and publications, please visit our [website](#).

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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**

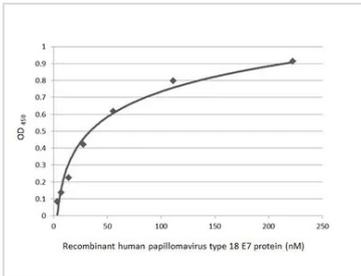
Human Papillomavirus type 18 E7 antibody [GT881] detects Human Papillomavirus type 18 E7 protein at cytoplasm by immunofluorescent analysis.

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.

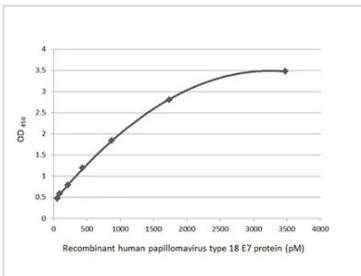


**GTX634337 ELISA Image**

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 µg/mL)

**Detection:** Human Papillomavirus type 18 E7 antibody [GT881] (GTX634337) (1 µg/mL)

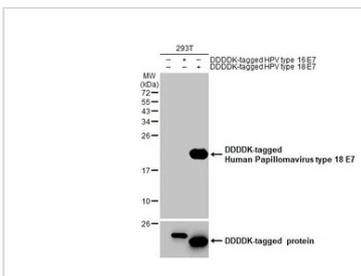


**GTX634337 ELISA Image**

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 µg/mL)

**Detection:** Human Papillomavirus type 18 E7 antibody [HL2522] (GTX638883) (1 µg/mL)



**GTX634337 WB Image**

Non-transfected (-) and transfected (+) 293T whole cell extracts (30 µg) 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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