

Human Papillomavirus type 16 E7 antibody [HL1821]

Cat. No. GTX637546

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ELISA, Lateral Flow, Sandwich ELISA
Reactivity	Human papillomavirus type 16

References (1)
Package
100 μl, 25 μl

Applications

Application Note

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

Suggested dilution	Recommended dilution
WB	Assay dependent
ELISA	Assay dependent
Lateral Flow	Assay dependent
Sandwich ELISA	Assay dependent

Note: Capture: GTX637228, Detection: GTX637546

Capture: GTX637546 / GTX637228, Detection: GTX637228 / GTX637546. Please notice that GTX637228 / GTX637546 needs to be conjugated to HRP to function as the detection antibody when paired with GTX637546 / GTX637228. Please contact us for custom HRP-conjugated antibody.

Not tested in other applications.

Product Note

This antibody was raised against Human Papillomavirus type 16 E7, and it does not cross-react with Human Papillomavirus type 18 E7.

Properties	
Form	Liquid
Buffer	PBS
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 Papillomavirus type 16 E7 recombinant protein (#Isolate African 1 / Isolate European German 131)
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated



For full product information, images and publications, please visit our <u>website</u>.

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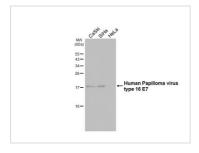


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Note

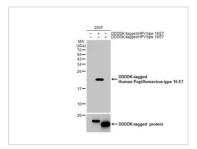
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DATA IMAGES



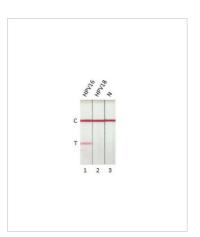
GTX637546 WB Image

Various whole cell extracts (30 μ g) were separated by 15% SDS-PAGE, and the membrane was blotted with Human Papilloma virus type 16 E7 antibody [HL1821] (GTX637546) diluted at 1:500. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody, and the signal was developed with Trident ECL plus-Enhanced.



GTX637546 WB Image

Non-transfected (–) and transfected (+) 293T whole cell extracts (30 μ g) were separated by 15% SDS-PAGE, and the membrane was blotted with Human Papillomavirus type 16 E7 antibody [HL1821] (GTX637546) diluted at 1:5000. The HRP-conjugated anti-rabbit IgG antibody (GTX213110-01) was used to detect the primary antibody.



GTX637546 Lateral Flow Image

Detection of Human Papillomavirus type 16 E7 protein by lateral flow assay using the monoclonal antibody pair.

Capture: Human Papillomavirus type 16 E7 antibody (GTX637228 [HL1647]) **Detection:** Human Papillomavirus type 16 E7 antibody (GTX637546 [HL1821])

Samples (10 ng):

- 1. HPV16 E7 protein (GTX133411-pro)
- 2. HPV18 E7 protein (GTX133412-pro)
- 3. Lysis buffer



For full product information, images and publications, please visit our <u>website</u>.

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