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 (2)
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 4ºC. For long-term storage, aliquot and store at -20ºC or below. Avoid multiple freeze-thaw cycles.
Concentration	2 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 website.

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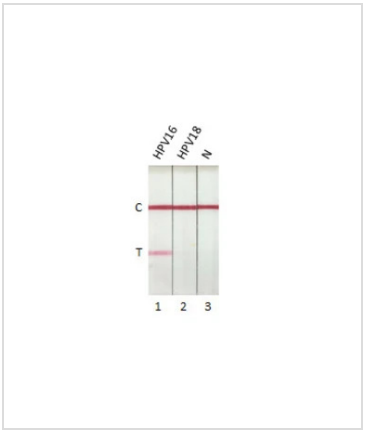
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Note

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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

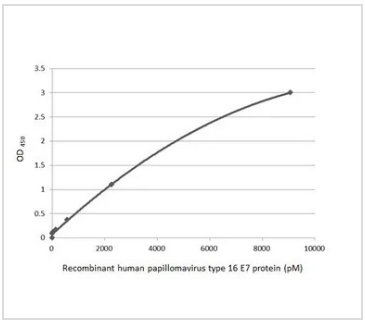


GTX637546 Lateral Flow Image

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])

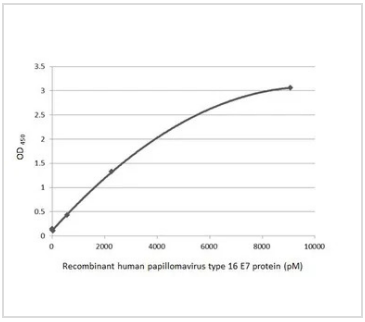
Samples (10 ng) :
1. HPV16 E7 protein (GTX133411-pro)
2. HPV18 E7 protein (GTX133412-pro)
3. Lysis buffer



GTX637546 ELISA Image

Sandwich ELISA detection of recombinant Human Papillomavirus type 16 E7 protein, His tag (GTX133411-pro) using antibodies as below.

Capture: Human Papillomavirus type 16 E7 antibody [HL1647] (GTX637228) (5 µg/mL)
Detection: HRP-conjugated Human Papillomavirus type 16 E7 antibody [HL1821] (GTX637546) (1 µg/mL)
Please notice that GTX637546 needs to be conjugated to HRP to function as the detection antibody when paired with GTX637228. Please contact us for custom HRP-conjugated antibody.



GTX637546 ELISA Image

Sandwich ELISA detection of recombinant Human Papillomavirus type 16 E7 protein, His tag (GTX133411-pro) using antibodies as below.

Capture: Human Papillomavirus type 16 E7 antibody [HL1821] (GTX637546) (5 µg/mL)
Detection: HRP-conjugated Human Papillomavirus type 16 E7 antibody [HL1647] (GTX637228) (1 µg/mL)
Please notice that GTX637228 needs to be conjugated to HRP to function as the detection antibody when paired with GTX637546. Please contact us for custom HRP-conjugated antibody.

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