

Human Papillomavirus type 18 E7 antibody [HL2522]

Cat. No. GTX638883

Host	Rabbit
Clonality	Monoclonal
Isotype	IgG
Applications	WB, ELISA, Lateral Flow, Sandwich ELISA
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	1:500-1:3000
ELISA	Assay dependent
Lateral Flow	Assay dependent
Sandwich ELISA	Assay dependent

Note : Capture : GTX638883, Detection : GTX634337 / GTX639657.

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

Form	Liquid
Buffer	PBS
Preservative	No preservative
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 18 E7.
Purification	Affinity purified by Protein A.
Conjugation	Unconjugated



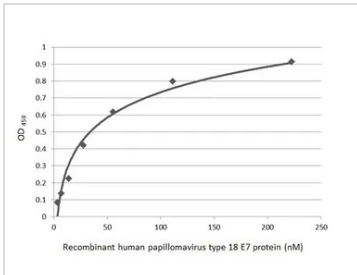
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Note

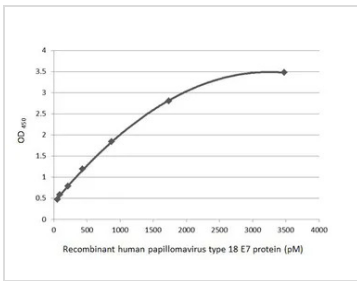
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DATA IMAGES

GTx638883 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)

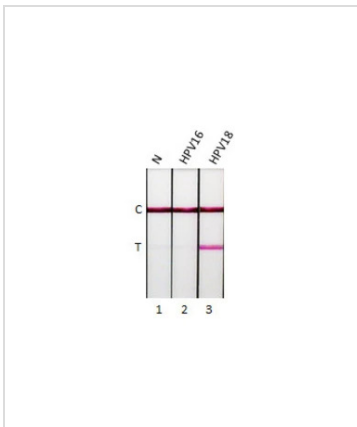
Detection: Human Papillomavirus type 18 E7 antibody [GT881] (GTx634337) (1 µg/mL)


GTx638883 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] (GTx634337) (5 µg/mL)

Detection: Human Papillomavirus type 18 E7 antibody [HL2522] (GTx638883) (1 µg/mL)


GTx638883 Lateral Flow Image

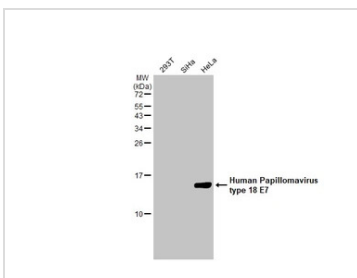
Detection of Human Papillomavirus type 18 E7 protein by lateral flow assay using the monoclonal antibody pair.

Capture: Human Papillomavirus type 18 E7 antibody [HL2522] (GTx638883)

Detection: Human Papillomavirus type 18 E7 antibody [GT881] (GTx634337)

Samples (20 ng) :

1. Running buffer (N)
2. HPV16 E7 protein (GTx133411-pro)
3. HPV18 E7 protein (GTx133412-pro)


GTx638883 WB Image

Various whole cell extracts (30 µg) were separated by 15% SDS-PAGE, and the membrane was blotted with Human Papillomavirus type 18 E7 antibody [HL2522] (GTx638883) diluted at 1:1000. The HRP-conjugated anti-rabbit IgG antibody (GTx213110-01) was used to detect the primary antibody.



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