



Mouse anti HPV-16 Monoclonal Antibody

Alternative Name(s): nan

Order Information

- **Description:** HPV-16
- **Catalogue:** 604-990
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Mouse
- **Clone:** CAMVIR-1
- **Application:** IHC(P), ELISA
- **Reactivity:** Hu

ANTIGEN PREPARATION

Beta galactosidase-HPV L1 fusion protein containing the c-terminal 60% of the L1 sequence.

BACKGROUND

HPV-16 fusion protein can cause potentially high risk for cervical cancer. This antibody recognizes L1 (late) protein of Human Papilloma Virus type 16. It is useful for studies of HPV in cervical smears and biopsies. Recognizes HPV-16 L1 by immunoprecipitation, western blotting and immunofluorescence on cells fixed in acetone or paraformaldehyde and immunoperoxidase staining of paraffin sections.

PURIFICATION

The mouse IgG is purified by Protein A-Affinity Chromatography according to Isotyping

FORMULATION

This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer

SPECIFICITY

This antibody recognizes human HPV-16 protein. The other species are not tested.

STORAGE

The antibodies are stable for 24 months from date of receipt when stored at -20oC to -70oC. The antibodies can be stored at 2oC-8oC for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

APPLICATIONS/SUGGESTED WORKING DILUTIONS*

- Western Blot: 0.1-1 µg/ml
- ELISA: 0.01-0.1 µg/ml
- Immunoprecipitation: 2-5 µg/ml
- IHC: 2-10 µg/ml
- Flow cytometry: Not tested
- Molecular Weight: nan
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

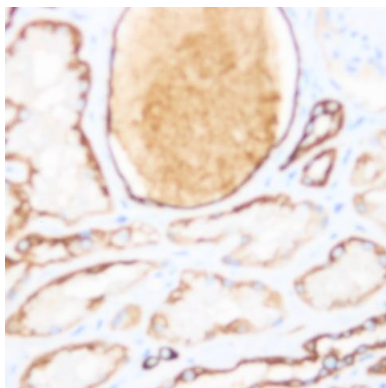
*Optimal dilutions should be determined by researchers for the specific applications.

FOR RESEARCH USE ONLY.

AbboMax, Inc 2528 Qume Drive, Suite 8, San Jose, California 95131, USA
1 408-573-1898 (Tel). 1 408-573-1858 (Fax). www.abbomax.com info@abbomax.com



DATA ATTACHMENTS



Immunohistochemistry: Human cervical carcinoma (FFPE) stained with Mouse anti- HPV-16 (Cat# 604-990) at 1:200 for 10 min @ RT. Staining of formalin-fixed tissue requires boiling tissue sections in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.

REFERENCES

FOR RESEARCH USE ONLY.

AbboMax, Inc 2528 Qume Drive, Suite 8, San Jose, California 95131, USA
1 408-573-1898 (Tel). 1 408-573-1858 (Fax). www.abbomax.com info@abbomax.com