

Product datasheet

info@arigobio.com

ARG56108 anti-HPV16 L1 antibody [CamVir-1]

Package: 50 μg Store at: -20°C

Summary

Product Description Mouse Monoclonal antibody [CamVir-1] recognizes HPV16 L1

Tested Reactivity HPV

Tested Application ICC/IF, IHC-P

Host Mouse

Clonality Monoclonal
Clone CamVir-1

Isotype IgG2a, kappa

Target Name HPV16 L1

Species Virus

Immunogen Human papilloma virus type 16, major capsid protein L1.

Conjugation Un-conjugated

Alternate Names Major capsid protein L1

Application Instructions

Cross Reactivity Note	Virus	(HPV-16)

Application table

Application	Dilution
ICC/IF	0.5 - 1 μg/ml
IHC-P	0.5 - 1 μg/ml

Application Note IHC-P: Antigen Retrieval: Boil tissue section in 10 mM Citrate buffer (pH 6.0) for 10-20 min, followed by

cooling at RT for 20 min.

st The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations

should be determined by the scientist.

Properties

Form Liquid

Purification Purification with Protein G.

Buffer PBS (pH 7.4), 0.05% Sodium azide and 0.1 mg/ml BSA

Preservative 0.05% Sodium azide

Stabilizer 0.1 mg/ml BSA

Concentration 0.2 mg/ml

Storage instruction For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot

and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed

www.arigobio.com arigo, nuts about antibodies 1/2

before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol

Gene Full Name major capsid L1 protein

L1

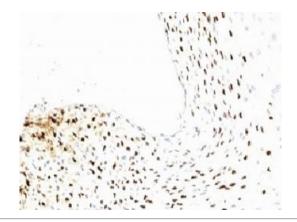
Function Forms an icosahedral capsid with a T=7 symmetry and a 50 nm diameter. The capsid is composed of 72

pentamers linked to each other by disulfide bonds and associated with L2 proteins. Binds to heparan sulfate proteoglycans on cell surface of basal layer keratinocytes to provide initial virion attachment. This binding mediates a conformational change in the virus capsid that facilitates efficient infection. The virion enters the host cell via endocytosis. During virus trafficking, L1 protein dissociates from the viral DNA and the genomic DNA is released to the host nucleus. The virion assembly takes place within the

cell nucleus. Encapsulates the genomic DNA together with protein L2. [UniProt]

Cellular Localization Nuclear

Images



ARG56108 anti-HPV16 L1 antibody [CamVir-1] IHC-P image

Immunohistochemistry: Formalin-fixed, paraffin-embedded Human cervix stained with ARG56108 anti-HPV16 L1 antibody [CamVir-1].