



Meridian
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CERTIFICATE OF ANALYSIS

Important Note: Centrifuge before opening to ensure complete recovery of vial contents.

Catalog #: MAV56-981 **Lot #:** 801323.1

Description: MAb to HPV 16 (L1)
Monoclonal Antibody to Human Papilloma Virus Type 16 (HPV), Capsid L1

Specificity: HPV Type 16, L1 (Major Capsid Protein)

Clone: 289-16981
(Also known as CamVir-1.)

Host Animal: Mouse **Isotype:** IgG_{2a}, kappa

Source: Ascites

Immunogen: Beta galactosidase-L1 fusion protein.

Format: Purified, Liquid **Exp. Date:** 08 APR 2018

Purification: > 90% pure (SDS-PAGE). Protein A Chromatography

Concentration: 4.5 mg/mL (OD280nm, E^{0.1%} = 1.4)

Buffer: 10 mM Phosphate, pH 7.4 containing 150 mM Sodium Chloride.

Preservative: 0.1% Sodium Azide

Applications: Suitable for use in Immunoprecipitation, Immunoblotting (also non-specifically recognizes a 41 kDa protein in denaturing gels), Immunohistochemistry (paraffin embedded tissue; appropriate fixation-acetone or paraformaldehyde). Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded.

Storage: Short term (up to 7 days) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.

Warning: This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1–1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

References: The reference listed below is for research purposes only:
Karem, K.L., et al., (2002), "Optimization of a Human Papillomavirus-Specific Enzyme-Linked Immunosorbent Assay", Clinical and Diagnostic Laboratory Immunology, **9**(3): 577-582.

Signature

28 August 2013

Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY