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Certificate of Analysis and Data Sheet

Mouse Anti-Human Papilloma Virus Type 16 (HPV-16) Capsid Protein L1

Catalog No.
MD-05-0259

Host Animal:
Mouse

Isotype:
IgG2a, kappa

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

Specificity: HPV Type 16, L1 (major capsid protein)

Source: Ascites

Immunogen: Beta galactosidase-L1 fusion protein

Format: Purified, Liquid

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

Concentration: 1mg/ml (OD280nm, $E^{0.1\%} = 1.4$)

Affinity Constant: Not determined

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

References: 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

**The products are furnished for LABORATORY RESEARCH USE ONLY.
Not for diagnostic or therapeutic use.**