



## RayBiotech, Inc.

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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-05-0263

**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:** Cell culture

**Immunogen:** Beta galactosidase-L1 fusion protein

**Format:** Purified, Liquid

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

**Concentration:** 1.2mg/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.

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