

## CERTIFICATE OF ANALYSIS

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

|                        |  |                 |                   |
|------------------------|--|-----------------|-------------------|
| <b>Catalog #:</b>      | MAV56-013  | <b>Lot #:</b>   | 1B05514           |
| <b>Description:</b>    | MAb to HPV 16 (E7)<br>Monoclonal Antibody to Human Papilloma Virus Type 16 (HPV) E7 Protein  |                 |                   |
| <b>Specificity:</b>    | HPV Type 16, E7 Protein  |                 |                   |
| <b>Host Animal:</b>    | Mouse  | <b>Isotype:</b> | IgG <sub>2a</sub> |
| <b>Source:</b>         | Ascites  |                 |                   |
| <b>Immunogen:</b>      | HPV 16 E7 synthesized in <i>S. pombe</i> .   |                 |                   |
| <b>Format:</b>         | Purified, Liquid   | <b>DOM:</b>     | 12 MAR 2014       |
| <b>Purification:</b>   | > 90% pure (SDS-PAGE). Protein A Chromatography  |                 |                   |
| <b>Concentration:</b>  | 4.7 mg/mL (OD <sub>280nm</sub> , E <sup>0.1%</sup> = 1.4)  | <b>EXP:</b>     | 14 OCT 2022       |
| <b>Buffer:</b>         | 10 mM Phosphate, pH 7.4 containing 150 mM Sodium Chloride.   |                 |                   |
| <b>Preservative:</b>   | 0.05% Sodium Azide   |                 |                   |
| <b>Applications:</b>   | Suitable for use in Immunoprecipitation, Immunoblotting, ELISA/RIA, FACS and Immunohistochemistry (frozen sections). 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. |                 |                   |
| <b>Storage:</b>        | Short term (up to 7 days) store at 2-8°C. Long term, aliquot and store at -20°C. Avoid multiple freeze/thaw cycles.  |                 |                   |
| <b>Safety Note(s):</b> | See appropriate Safety Data Sheet (SDS) for additional information.  |                 |                   |

  
Quality Signature

14 OCT 2020  
Date

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**