



## CERTIFICATE OF ANALYSIS

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

**Catalog #:** M01334M **Lot #:** 9D09517

**Description:** MAb to Muc1 (CA 27.29)  
Monoclonal Antibody to Muc1 (CA 27.29)

**Specificity:** Recognizes the CA 27.29 epitope on the core peptide sequence of the breast carcinoma associated mucin coded by the Muc1 gene. The minimal epitope bound is the eight amino acid sequence SAPDTRPA within the 20 amino acid tandem repeating sequence of the mucin core. Recognizes both cell culture and human fluid derived antigens.

**Host Animal:** Mouse **Isotype:** IgG<sub>1</sub>

**Source:** Cell Culture

**Immunogen:** Synthetic Muc1 Peptide

**Format:** Purified, Liquid

**Purification:** > 95% pure (PAGE). Protein A Chromatography

**Concentration:** 3.04 mg/mL (OD280nm, E<sup>0.1%</sup> = 1.4)

**Buffer:** Phosphate Buffered Saline, pH 7.4±0.2

**Preservative:** 0.1% Sodium Azide

**Applications:** ELISA, Western Blot, IHC(f)(p). Each laboratory should determine an optimum working titer for use in its particular application. Applications have not been tested but use in various assays should not necessarily be excluded.

**Storage:** Store at 2–8°C. For long term storage, aliquot and store at -20°C to avoid multiple freeze/thaw cycles.

**Safety Note(s):** Refer to the appropriate Safety Data Sheet (SDS) for additional information.

*Beverly L. Orr*

17 May 2017

**FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY**