

CERTIFICATE OF ANALYSIS

Catalog #: MAM07-234 **Lot #:** R0089

Description: MAb to PSA
Monoclonal Antibody to Human Prostate Specific Antigen

Specificity: Human Prostate Specific Antigen (PSA). PSA is a tumor-associated antigen with a molecular weight of 34 kDa. The antigen is found in normal prostatic epithelial lining cells of the ducts and acini, as well as in primary and metastatic prostate carcinoma cells. PSA reactivity may also be found in BPH (benign prostatic hypertrophy), though the pattern of staining is different than that found in carcinoma tissues. The staining pattern ranges from cytoplasmic and secretory in normal and benign prostate to cytoplasmic with membrane in neoplastic prostate.

Host Animal: Mouse. Hybridization of P3-X63-Ag8.653 myeloma cells with spleen cells of Balb/c mice. **Isotype:** IgG₁, kappa

Source: Ascites

Immunogen: Prostate specific antigen (PSA) prepared from human seminal fluid.

Format: Purified, Liquid **Exp. Date:** 25 JAN 2024

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

Concentration: 5.14 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: Immunohistochemistry on frozen or paraffin 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.

Storage: Short term (up to 7 days) store at 2-8°C. Long term, aliquot and store at <-20°C. If aliquoted for long term storage, fill volume should be equal to or greater than 50% of the nominal fill volume of the vial used. Avoid repeated freeze/thaw cycles.

Warning: See appropriate Safety Data Sheet (SDS) for additional information.


Quality Signature

25 JAN 2022
Date

FOR RESEARCH OR FURTHER MANUFACTURING USE ONLY