

Anti-human prostate specific antigen (PSA) Monoclonal Antibody

Specification Sheet

Catalog Number	Unit Size
TMP012-0.2MG	0.2mg
TMP012-1MG	1mg

Description: Anti-human prostate specific antigen (PSA) Mab to PSA. This item (TMP012) can be paired with TMP011 for ELISA.

Specificity: This antibody reacts with free PSA and PSA-ACT (PSA-alpha 1-antichymotrypsin) complex. There is no cross reactivity with human kallikrein and ACT.

Host Animal: Balb/c mouse.

Isotype: IgG1.

Source: Mouse ascites.

Immunogen: PSA purified from human seminal fluid.

Format: Purified, liquid.

Purification: DEAE chromatography.

Concentration: 5.25 mg/ml.

Affinity Constant: Not determined.

Buffer: 0.015 M potassium phosphate buffer, 0.85% NaCl, 0.05% NaN₃, pH 7.2.

Pairing Assays: Pair with TMP011 and TMP015 for human free PSA, total PSA and PSA-ACT detection.

Purity: >95% by HPLC and SDS-PAGE.

Application: For free PSA, total PSA and PSA-ACT quantitative assays by EIA or CLIA and Lateral Flow.

Storage: 2-8°C for 1 year. Long-term store at -20°C.

For Research Use only