

PRODUCT SPECIFICATION

Monoclonal antibody to Human Prostate Specific Antigen (PSA)

Catalog Number: MP077 **Part Number:** 90198

Clone Number: AP003S

Source: Murine

Immunogen: Purified PSA from human seminal fluid

Purification Method: Protein A Chromatography and Gel Filtration

Form

Clear liquid - Buffer: 10mM Sodium Phosphate, 150mM Sodium Chloride, 0.1% Sodium Azide, pH 7.2 ± 0.1

Purity Specification

Protein A purified IgG fraction.
Report SDS-PAGE results.

Protein / Content Specification

≥ 5 mg/ml by A280 (E_{mg/ml} = 1.4)

Characteristics Specification

Mouse IgG₁ Isotype. This clone recognizes only free PSA by direct ELISA and Western Blot. Suitable for use in a sandwich ELISA for free PSA when paired with clone BP005S. Greater than 98% inhibition of PSA chymotrypsin-like activity at a 1:2 molar ratio of PSA:MAB.

Storage / Shipping

Product is shipped using a refrigerated gel pack (**not temperature monitored**). On arrival, store refrigerated at 2°C to 8°C. Do not freeze!

Precaution / Hazard Statement

This product is not considered a biohazard. Handle using normal laboratory procedures.

Intended Use: For Research Use or Further Manufacture Only. Not for Use in Diagnostic Procedures.