



ANOGEN - A Division of YES Biotech Laboratories Ltd.

2355 Derry Road East, Unit 23, Mississauga, ON, Canada L5S 1V6 • Tel: (905) 677-9221 • Fax: (905) 677-0023

Mouse Anti-Human Prostate Secretory Protein Monoclonal Antibody Datasheet

Product Name: mAb anti-human prostate secretory protein (PSP) **Clone No.:** YPSP-2

Catalogue No.: MO-T40085B

Quantity: 0.5 mg/vial

Description: Mouse monoclonal antibody to human prostate secretory protein (PSP)

Purification: Protein G affinity purified

Product Type: Primary antibody

Target Protein: Human prostate secretory protein (PSP)

Immunogen: Highly purified PSP

Fusion Myeloma: Sp2/0-Ag14

Specificity: Reactive with PSP or human prostate epithelial cells

Species Reactivity: Human, others not tested

Cross- Reactivity: Does not react with a variety of human normal tissues.

Host / Isotype: Mouse, IgG1 Kappa

Formulation: Lyophilized from a solution in 0.01M PBS, pH 7.2

Reconstitution: Double distilled water is recommended to adjust the final concentration to 1.00mg/mL.

Storage: Store at -20°C

Research Area: Oncology

Background: Prostate secretory protein (PSP) is one of the major secreted proteins found in the seminal fluid. PSP is also known as β -microseminoprotein or prostatic inhibin-like protein. The protein was proposed as a marker for prostate cancer, but was found to possess inhibitory effects to a prostate cancer cell line PC3 in a hormone independent manner, suggesting that it may have an anti-prostate tumour feature.

Applications: **Immuno-staining**

Western Blot

ELISA

References: If research is published using this product, please inform Anogen in order to cite the reference on this datasheet. Anogen will provide one unit of product in the same category as gratitude.

This product is for **LABORATORY RESEARCH USE** and further manufacture **ONLY**, and cannot be administrated to human and animals for use in diagnostic and therapeutic procedures.

Manufactured by ANOGEN - A Division of YES Biotech Laboratories Ltd.