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AM10136SU-N Monoclonal Antibody to ACPP / Prostatic acid phosphatase -

Supernatant

Alternate names: ACP3, PAP, PSAP, Prostate acid phosphatase

Quantity: 1 ml

Background: Prostatic acid phosphatase (PSAP) is one of the two antigenic markers of prostatic

carcinoma, the other being prostate specific antigen. It belongs to the kallikrein family of serine proteases and is suggested to act as a hydrolase to split phospharyl

choline in semen and as a transferase.

 Uniprot ID:
 P15309

 NCBI:
 NP 000526

GenelD: 55

Host / Isotype: Mouse / IgG1
Clone: PASE/4LJ

Immunogen: Purified Prostatic Acid Phosphatase (PSAP) from Human seminal plasma.

Format: State: Liquid purified Ig fraction with 0.2% BSA and 15mM Sodium Azide.

Applications: Immunohistochemistry on Formalin-Fixed, Paraffin-Embedded Sections: 1/100-1/200

Pretreatment of deperaffinized tissue with heat-induced epitope retrieval is

recommended.

Use Polymer anti Mouse/Rabbit IgG as a detection system. *Positive Control:* Normal prostate or prostate carcinoma.

Other applications not tested. Optimal dilutions are dependent on conditions and

should be determined by the user.

Specificity: Recognizes PSAP.

PSAP does not inhibit the enzymatic activity of PSAP. It reacts with non-neoplastic adult and fetal prostatic glands, primary and metastatic prostatic carcinomas. It

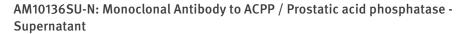
shows no cross reaction with other phosphatases.

Cellular Localization: Cytoplasmic.

Species Reactivity: Tested: Human. Does not react with Dog, Rabbit and Rat.

Storage: Store the antibody undiluted at 2-8°C.

Shelf life: one year from despatch.





Pictures:

Formalin-Fixed, Paraffin-Embedded Human prostate stained with PSAP antibody Cat.-No. AM10136SU-N using peroxidase conjugate and DAB chromogen. Note the cytoplasmic staining of benign prostate glands.

