

Product datasheet for **AM10136SU-N**

Prostatic Acid Phosphatase (ACPP) Mouse Monoclonal Antibody [Clone ID: PASE/4LJ]

Product data:

Product Type:	Primary Antibodies
Clone Name:	PASE/4LJ
Applications:	IHC
Recommended Dilution:	Immunohistochemistry on Formalin-Fixed, Paraffin-Embedded Sections: 1/100-1/200 Pretreatment of deparaffinized tissue with heat-induced epitope retrieval is recommended. Use Polymer anti Mouse/Rabbit IgG as a detection system. <i>Positive Control:</i> Normal prostate or prostate carcinoma.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Purified Prostatic Acid Phosphatase (PSAP) from Human seminal plasma.
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.
Formulation:	State: Supernatant State: Liquid purified Ig fraction with 0.2% BSA and 15mM Sodium Azide.
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	acid phosphatase, prostate
Database Link:	Entrez Gene 5395 Human Entrez Gene 55 Human P15309



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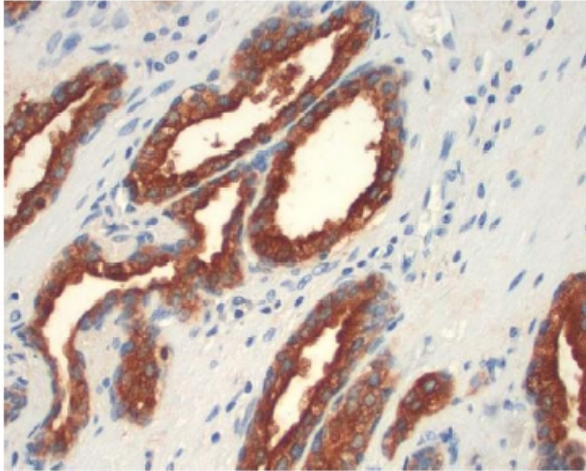
Background: Prostatic acid phosphatase (PSAP) is one of the two antigenic markers of prostatic carcinoma, the other being prostate specific antigen. It belongs to the kallikrein family of serine proteases and is suggested to act as a hydrolase to split phospharyl choline in semen and as a transferase.

Synonyms: Prostate acid phosphatase, PAP, ACP3, PSAP

Protein Families: Druggable Genome

Protein Pathways: Mismatch repair

Product images:



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.