

## Product datasheet for **AM20526PU-N**

### Prostatic Acid Phosphatase (ACPP) Mouse Monoclonal Antibody [Clone ID: M01010921]

#### Product data:

Product Type:	Primary Antibodies
Clone Name:	M01010921
Applications:	ELISA, IHC, R
Recommended Dilution:	<b>ELISA.</b> <b>Immunohistochemistry on Paraffin Sections:</b> 5 µg/ml. <b>IRMA.</b>
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Highly pure Human PAP
Specificity:	Recognizes Human PAP (100%). Other species not tested.
Formulation:	PBS, pH 7.5 State: Purified State: Liquid purified IgG fraction Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Protein A Chromatography
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:	<a href="#">Entrez Gene 55 Human P15309</a>



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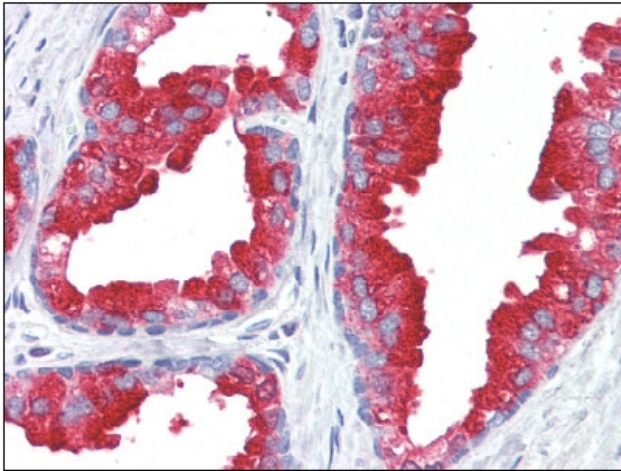
**Background:** Prostatic acid phosphatase precursor catalyzes the conversion of orthophosphoric monoester to alcohol and orthophosphate. ACPP is synthesized under androgen regulation and secreted by the epithelial cells of the prostate gland. Sequence comparison has indicated the presence of several polymorphisms. ACPP undergoes alternative splicing in the 3' UTR.

**Synonyms:** Prostate acid phosphatase, PAP, ACP3, PSAP

**Protein Families:** Druggable Genome, Phosphatase, Transmembrane

**Protein Pathways:** Riboflavin metabolism

**Product images:**



ACPP antibody staining Formalin-Fixed, Paraffin-Embedded Human Prostate at 5 ug/ml followed by biotinylated anti-Mouse IgG secondary antibody, alkaline phosphatase-streptavidin and chromogen.