# Recombinant Prostate Specific Acid Phosphatase (PSAP) Antibody

Rabbit Monoclonal Antibody [Clone ACPP/4495R]

| Catalog No | Format | Size |
|---|---|---|
| 55-RBM5-P0 | Purified Ab with BSA and Azide at 200ug/ml | 20 ug |
| 55-RBM5-P1 | Purified Ab with BSA and Azide at 200ug/ml | 100 ug |
| 55-RBM5-P1ABX | Purified Ab WITHOUT BSA and Azide at 1.0mg/ml | 100 ug |

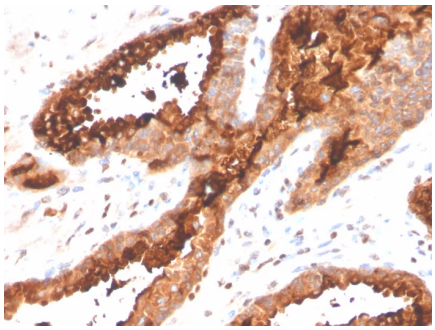
| Applications | Tested Dillution | Note |
|---|---|---|
| Immunohistochemistry (IHC) | 1-2ug/ml | 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes |

## Product Details

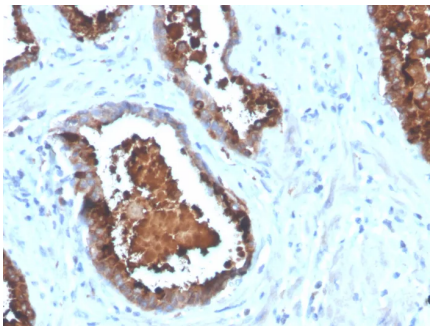
| | |
|---|---|
| **Clone** | ACPP/4495R |
| **Gene Name** | ACP3 |
| **Immunogen** | Recombinant fragment (around aa1-100) of human ACPP (exact sequence is proprietary) |
| **Host** | Rabbit |
| **Clonality** | Monoclonal |
| **Isotype / Light Chain** | IgG / Kappa |
| **Mol. Weight of Antigen** | 45kDa |
| **Cellular Localization** | Cytoplasm. |
| **Species Reactivity** | Human |
| **Positive Control** | PC12 cells. Normal prostate or prostate carcinoma tissue. |

**Optimal dilution for a specific application should be determined.*

## Product Images for Recombinant Prostate Specific Acid Phosphatase (PSAP) Antibody



Formalin-fixed, paraffin-embedded human prostate carcinoma stained with PSAP Recombinant Rabbit Monoclonal Antibody (ACPP/4495R).



Formalin-fixed, paraffin-embedded human prostate carcinoma stained with PSAP Recombinant Rabbit Monoclonal Antibody (ACPP/4495R).

### Specificity & Comments

Prostatic Acid Phosphatase (PSAP or PAP) is a member of the histidine acid phosphatase family. It is a non-specific phosphatase that is capable of dephosphorylating tyrosine residues as well as phospholipids under mildly acidic conditions. Prostatic specific acid phosphatase (PSAP) is involved in prostate epithelial differentiation. It is highly expressed in prostate, primary and metastatic carcinoma of the prostate. This marker may be helpful in pinpointing the site of origin in cases of metastatic carcinoma of the prostate, and is considered a more sensitive marker than PSA.

### Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

### Storage and Stability

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

### Research Areas

Immunology

## Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.