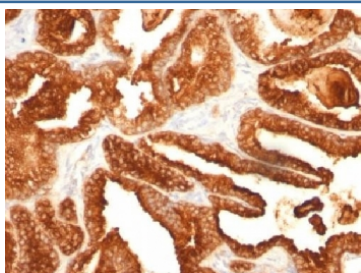


## PSAP Antibody [clone SPM312] (V3315)

| Catalog No.    | Formulation                                                                | Size   |
|----------------|----------------------------------------------------------------------------|--------|
| V3315-100UG    | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 100 ug |
| V3315-20UG     | 0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide | 20 ug  |
| V3315SAF-100UG | 1 mg/ml in 1X PBS; BSA free, sodium azide free                             | 100 ug |

[Bulk quote request](#)

|                           |                                                         |
|---------------------------|---------------------------------------------------------|
| <b>Species Reactivity</b> | Human                                                   |
| <b>Format</b>             | Purified                                                |
| <b>Clonality</b>          | Monoclonal (mouse origin)                               |
| <b>Isotype</b>            | Mouse IgG1, kappa                                       |
| <b>Clone Name</b>         | SPM312                                                  |
| <b>Purity</b>             | Protein G affinity chromatography                       |
| <b>UniProt</b>            | P15309                                                  |
| <b>Gene ID</b>            | 55                                                      |
| <b>Localization</b>       | Cytoplasmic                                             |
| <b>Applications</b>       | Immunohistochemistry (FFPE) : 1-2ug/ml for 30 min at RT |
| <b>Limitations</b>        | This PSAP antibody is available for research use only.  |



IHC testing of human prostate carcinoma with PSAP antibody (clone SPM312). Required HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 10-20 min followed by cooling at RT for 20 min.

## Description

Prostate specific acid phosphatase (PSAP) is an enzyme that catalyzes the conversion of orthophosphoric monoester to alcohol and orthophosphate. It is synthesized under androgen regulation and is secreted by the epithelial cells of the

prostate gland. PSAP is found in non-neoplastic adult and fetal prostatic glands, primary and metastatic prostatic carcinomas. It shows no staining in granulocytes, osteoclasts, parietal cells of the stomach, liver cells, renal cell or breast carcinomas.

## **Application Notes**

Titering of the PSAP antibody may be required for optimal performance.

## **Immunogen**

PSAP purified from human seminal plasma was used as the immunogen for this PSAP antibody.

## **Storage**

The PSAP antibody (with azide) can be stored at 2-8oC. The azide-free format should be aliquoted and stored at -20oC or colder.