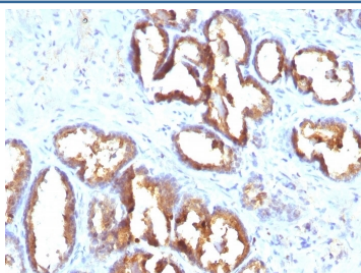


## PSAP Antibody / Prostate Specific Acid Phosphatase [clone PASE/4LJ] (V8033)

Catalog No.	Formulation	Size
V8033-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V8033-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V8033SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

### Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Purified
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgG1, kappa
Clone Name	PASE/4LJ
Purity	Protein G affinity chromatography
UniProt	P15309
Localization	Cytoplasmic
Applications	Immunofluorescence : 1-2ug/ml Immunohistochemistry (FFPE) : 1-2ug/ml
Limitations	This PSAP antibody is available for research use only.



IHC staining of FFPE human prostate carcinoma with PSAP antibody (clone PASE/4LJ).  
HIER: boil tissue sections in pH 9 10mM Tris with 1mM EDTA for 20 min and allow to cool before testing.

### Description

Recognizes a protein of 52kDa, identified as prostate specific acid phosphatase (PSAP). This enzyme 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**

Optimal dilution of the PSAP antibody should be determined by the researcher.

## **Immunogen**

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

## **Storage**

Store the PSAP antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).