

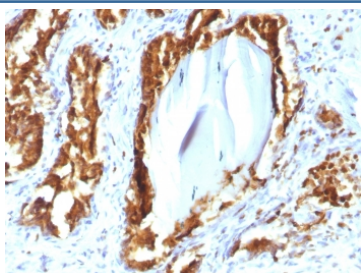
Recombinant PSAP Antibody [clone rACPP/1338] (V3536)

Catalog No.	Formulation	Size
V3536-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3536-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3536SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug
V3536IHC-7ML	Prediluted in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide; *For IHC use only*	7 ml

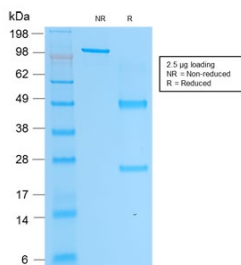
Recombinant **MOUSE MONOCLONAL**

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Species Reactivity	Human
Format	Purified
Clonality	Recombinant Mouse Monoclonal
Isotype	Mouse IgG1, kappa
Clone Name	rACPP/1338
Purity	Protein G affinity chromatography
Buffer	1X PBS, pH 7.4
UniProt	P15309
Gene ID	55
Localization	Cytoplasmic
Applications	Immunohistochemistry (FFPE) : 0.5-1ug/ml for 30 min at RT
Limitations	This recombinant PSAP antibody is available for research use only.



IHC testing of human prostate carcinoma with recombinant PSAP antibody (clone rACPP/1338). Required HIER: boil tissue sections in 10mM citrate buffer, pH 6, for 10-20 min followed by cooling at RT for 20 min.



SDS-PAGE analysis of purified, BSA-free recombinant PSAP antibody (clone rACPP/1338) as confirmation of integrity and purity.

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

Titration of the recombinant PSAP antibody may be required for optimal performance.

1. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Immunogen

Human recombinant full length protein was used as the immunogen for this recombinant PSAP antibody.

Storage

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