Recombinant Prostate Specific Acid Phosphatase (PSAP) Antibody

Rabbit Monoclonal Antibody [Clone ACPP/8409R]

Catalog No	Format	Size
55-RBM7-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
55-RBM7-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
55-RBM7-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

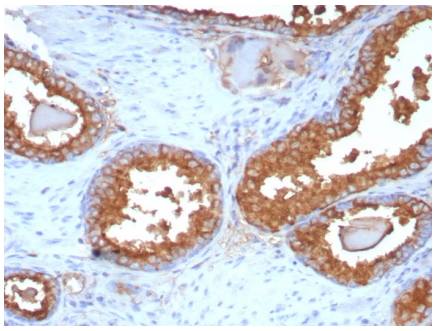
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes
Western Blot (WB)	2-4ug/ml	

Product Details

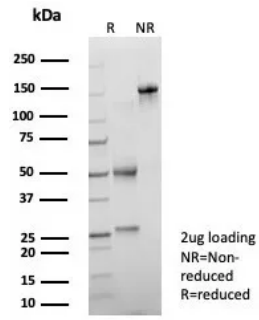
Clone	ACPP/8409R
Immunogen	Recombinant full-length human PSAP protein
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	44.57kDa
Cellular Localization	Cell membrane, Cytoplasm, Cytosol, Lysosome membrane, Nucleus, Secreted
Species Reactivity	Human
Positive Control	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/8409R). HIER: Tris/EDTA, pH9.0, 45min. 2: HRP-polymer, 30min. DAB, 5min.



SDS-PAGE Analysis of Purified PSAP Recombinant Rabbit Monoclonal Antibody (ACPP/8409R). Confirmation of Purity and Integrity of Antibody.

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 produced in a mammalian-based expression system. 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.

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.