

# Prostate Specific Acid Phosphatase (PSAP) Antibody

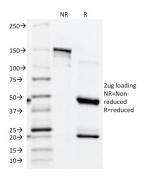
Mouse Monoclonal Antibody [Clone ACPP/1339]

Catalog No	Format	Size
55-MSM2-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
55-MSM2-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
55-MSM2-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Product Details		
Clone	ACPP/1339	
Gene Name	ACP3	
Immunogen	Recombinant full-length human ACPP protein	
Host	Mouse	
Clonality	Monoclonal	
Isotype / Light Chain	IgG1 / Kappa	
Mol. Weight of Antigen	52kDa	
Cellular Localization	Cell membrane, Cytoplasm, Cytosol, Lysosome membrane, Nucleus, Secreted	
Species Reactivity	Human	

PC12 cells. Normal prostate or prostate carcinoma.

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



**Positive Control** 

SDS-PAGE Analysis of Purified PSAP Mouse Monoclonal Antibody (ACPP/1339). Confirmation of Integrity and Purity of Antibody.

# **Specificity & Comments**

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.

#### 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.



<sup>\*</sup>Optimal dilution for a specific application should be determined.