

Mouse Prostate Specific Acid Phosphatase (PSAP) Monoclonal Antibody | anti-PSAP antibody

Prostate Specific Acid Phosphatase (PSAP)

CATALOG # AAA214488	HOST Mouse	REACTIVITY Human. Others not known.	APPLICATIONS Immunohistochemistry
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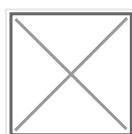
PRODUCT SYNONYMS

Prostate Specific Acid Phosphatase (PSAP); Monoclonal Antibody; 5'-nucleotidase (5'-NT); Acid phosphatase prostate; ACP3; Ecto-5'-nucleotidase; Prostatic acid phosphatase (PAP); Prostatic acid phosphatase; Thiamine monophosphatase (TMPase); anti-PSAP antibody

PRODUCT SPECIFICATIONS

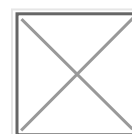
Host	Mouse
Reactivity	Human. Others not known.
Clonality	Monoclonal
Isotype	IgG1, kappa
Clone Number	rACPP/1338
Specificity	Recognizes a protein of 52kDa, identified as prostate specific acid phosphatase (PSAP). This enzyme catalyzes the conversion of orthophosphoric monoester to alcohol and orthophosphate. 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.
Form/Format	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.
Sequence Length	469
Applicable Applications for anti-PSAP antibody	IHC (Immunohistochemistry)
Immunogen	Recombinant full-length human ACP3 protein
Cellular Localization	Cytoplasmic
Hu-chromosome Location	3q22.1
Positive Control	PC12 cells or normal prostate or prostate carcinoma
Preparation and Storage	Antibody with azide - store at 2 to 8 degree C. Antibody without azide - store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



SDS-PAGE

SDS-PAGE Analysis Purified PSAP Mouse Monoclonal Antibody (rACPP/1338).



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human Prostate Carcinoma stained with PSAP Mouse Recombinant Monoclonal Antibody (rACPP/1338).

ADDITIONAL INFORMATION

References	Haines AM et. al. British Journal of Cancer, 1989 Dec, 60(6):887-92.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	67782365
NCBI GeneID	3855
NCBI Accession #	NP_005547.3
NCBI GenBank Nucleotide #	NM_005556.3
UniProt Accession #	P08729; Q92676; Q9BUD8; Q9Y3R7
Molecular Weight	52kDa
NCBI Official Full Name	keratin, type II cytoskeletal 7
NCBI Official Synonym Full Names	keratin 7
NCBI Official Symbol	KRT7
NCBI Official Synonym Symbols	K7; CK7; SCL; K2C7
NCBI Protein Information	keratin, type II cytoskeletal 7
UniProt Protein Name	Keratin, type II cytoskeletal 7
UniProt Gene Name	KRT7
UniProt Synonym Gene Names	SCL; CK-7; K7

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/prostate-specific-acid-phosphatase-psap-antibody-clone-racpp-1338-immunohistochemistry-elisa/214488>