

Prostatic Acid Phosphatase (PAP) (AB1275) mouse mAb

V0446

Key Features

Host Species

- Mouse

Reactivity

- Human; Mouse; Rat;

Applications

- Immunohistochemistry (IHC)

MW

- 58 kDa (calculated)
- 68 kDa (observed)

Isotype

- IgG2b, kappa

Recommended Dilution Ratios

Application

Immunohistochemistry (IHC)

Dilution

IHC, 1:200-1:400

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality Monoclonal

Clone Number AB1275

Immunogen A synthetic peptide corresponding to the amino acid region 201 - 300 of the human Prostatic Acid Phosphatase protein.

Specificity The antibody can specifically recognize human PSAP protein.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name ACP3

Protein Name Prostatic Acid Phosphatase

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P15309	55

Background Prostate specific acid phosphatase (PSAP) , with a molecular weight of 52 kDa, is a glycoprotein with the function of hydrolyzing phosphate synthesized and secreted by prostate epithelial cells. It is positively expressed in epithelial cells and intraluminal secretions of normal and hyperplastic prostate tissues. It has strong positive expression in primary and metastatic prostate cancer. It is mainly used for the study of primary and metastatic prostate cancer.