

PSA (AB1273) mouse mAb

V0443

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- Immunohistochemistry (IHC)

MW

- 28 kDa (calculated)
- 28 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

AB1273

Immunogen

A synthetic peptide corresponding to the amino acid region 100 - 200 of the human PSA protein.

Specificity

The antibody can specifically recognize human PSA 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

KLK3

Protein Name

PSA

Database Link

Organism

Human

Swiss Prot.

P07288

Gene ID

354

Background

PSA is a glycoprotein synthesized by prostate epithelial cells. It is expressed in normal prostate acinar cells, ductal epithelial cells and intraluminal secretions. It is one of the specific prostate markers. It is mainly used for the diagnosis of prostate cancer and metastatic prostate cancer.