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PSA (AB1584) mouse mAb

W0393

Key Features

Host Species
- Mouse

Reactivity
- Human;

Applications
- IHC; WB; IF; ELISA

MW
- 28 kDa (calculated)
- 28 kDa (observed)

Isotype
- IgG1, kappa

Recommended Dilution Ratios

Application	Dilution
IHC; WB; IF; ELISA	IHC, 1:200-1:1000 | WB, 1:500-1:2000 | IF, 1:100-1:500 | ELISA, Recommended starting concentration is 1 μg/mL. Please optimize the concentration based on your specific assay requirements.

Storage

Storage Conditions	Store at-20℃. 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	AB1584
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	Swiss Prot.	Gene ID
Human	P07288	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.