

PSA Mouse Monoclonal Antibody HRP Conjugated(Pa3)

Catalog No: #C08407H

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Description

Product Name	PSA Mouse Monoclonal Antibody HRP Conjugated(Pa3)
Host Species	Mouse
Clonality	Monoclonal
Clone No.	Pa3
Isotype	IgG
Purification	Purified by Protein G.
Applications	IHC-P IHC-F
Species Reactivity	Hu
Immunogen Description	Full length native protein purified from human
Conjugates	HRP
Target Name	PSA
Other Names	Prostate specic antigen; Gamma seminoprotein; hK3; Kallikrein 3; Kallikrein related peptidase 3; KLK 3; KLK2A1; KLK3; P 30 antigen; P30 antigen; Prostate Specic Antigen; PSA; Semenogelase; Semin.
Accession No.	NCBI Gene ID354
Uniprot	P07288
GeneID	354;
Excitation Emission	N A
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IHC-P=1:50-200 IHC-F=1:50-200

Background

Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. This gene is one of the fifteen kallikrein subfamily members located in a cluster on chromosome 19. Its protein product is a protease present in seminal plasma. It is thought to function normally in the liquefaction of seminal coagulum, presumably by hydrolysis of the high molecular mass seminal vesicle protein. Serum level of this protein, called PSA in the clinical setting, is useful in the diagnosis and monitoring of prostatic carcinoma. Alternate splicing of this gene generates several transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008].

Note: This product is for in vitro research use only