

<b>Product name:</b>	Prostate Specific Antigen Mouse Monoclonal Antibody
<b>Cat number:</b>	MABN00863
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100µL
<b>Clone:</b>	Monoclonal
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Mouse
<b>Isotype:</b>	IgG1
<b>Immunogen:</b>	A synthetic peptide of human Prostate Specific Antigen
<b>Reactivity:</b>	Human
<b>Applications:</b>	WB 1:500-1:1000,FC 1:50-1:100
<b>Molecular Weight:</b>	Calculated MW: 29 kDa; Observed MW: 37 kDa
<b>Purification:</b>	Ascitic Fluid
<b>Form:</b>	Liquid
<b>Buffer:</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Storage:</b>	Store at 4°C short term. Aliquot and store at -20°C for 12 months. Avoid freeze/thaw cycles.
<b>Background:</b>	PSA/KLK3 is a member of the glandular kallikrein subfamily of serine proteases. Upon cleavage of 7 amino-terminal amino acids, it is activated to liquefy semen in the seminal coagulum. Although PSA/KLK3 is produced in healthy individuals, investigators have found abnormally high levels in the blood of men with advanced prostate cancer.