

**Product Name: Prostate Specific Antigen Mouse
Monoclonal Antibody
Catalog #: AMM00863**

Summary

Production Name	Prostate Specific Antigen Mouse Monoclonal Antibody
Description	Mouse Monoclonal Antibody
Host	Mouse
Application	WB,FC
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Ascitic Fluid

Immunogen

Gene Name	KLK3
Alternative Names	KLK3; APS; Prostate-specific antigen; PSA; Gamma-seminoprotein; Semin; Kallikrein-3; P-30 antigen; Semenogelase
Gene ID	354
SwissProt ID	P07288.

Application

Dilution Ratio	WB: 1:500-1:1000 FC: 1:50-1:100
Molecular Weight	Calculated MW: 29 kDa; Observed MW: 37 kDa

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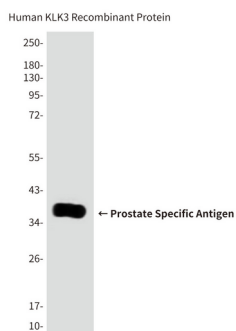
Background

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.

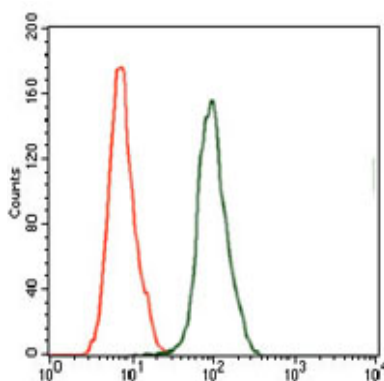
Research Area

Neuroscience

Image Data



Western blot analysis of Prostate Specific Antigen in Human KLK3 (AA: 10921 recombinant protein.) using Prostate Specific Antigen antibody.



Flow Cytometry analysis of HeLa cells stained with KLK3 antibody (green) and negative control (red).

Note

For research use only.