

Anti-Prostate Specific Antigen Mouse mAb

Purified Mouse Monoclonal Antibody

Catalog # M013671

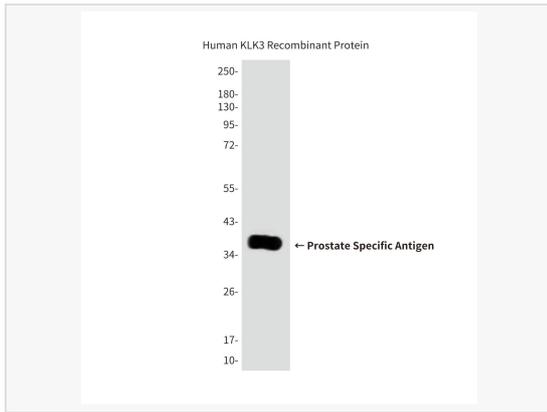
Product Information

Application	WB, FC, ELISA
Reactivity	Human
Dilution	WB 1:500~1:1,000; FC 1:50~1:100
Host	Mouse
Clonality	Monoclonal
Clone No.	25K33K47
Isotype	IgG1
Label	Unconjugated
Immunogen	Purified recombinant fragment of human KLK3 expressed in E. Coli.
Format	Buffer System: Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3. Purification: Ascitic Fluid
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-Prostate Specific Antigen antibody [25K33K47] is for research use only and not for use in diagnostic or therapeutic procedures.

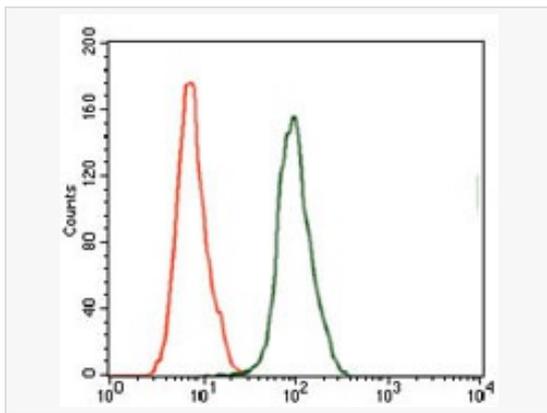
Protein Information

Synonyms	KLK3, APS, Prostate-specific antigen, PSA, Gamma-seminoprotein, Semin, Kallikrein-3, P-30 antigen, Semenogelase.
Calculated MW	Calculated MW: 29 kDa; Observed MW: 37 kDa
Uniprot ID	P07288
Gene ID	354
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.

Validation Images



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).