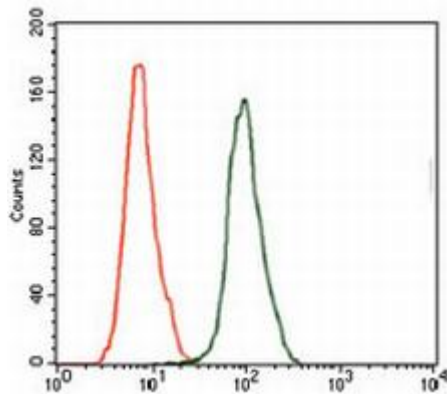
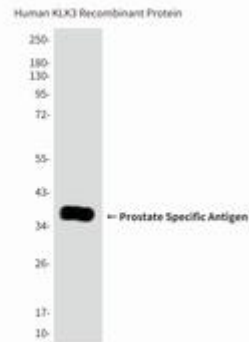


**PROSTATE SPECIFIC ANTIGEN MOUSE MAB****Cat.#:** N261202**Product Name:** Anti-Prostate Specific Antigen Mouse Monoclonal Antibody**Synonyms:** KLK3; APS; Prostate-specific antigen; PSA; Gamma-seminoprotein; Semin; Kallikrein-3; P-30 antigen; Semenogelase**UNIPROT ID:** P07288**Background:** PSA/KLK3 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.**Immunogen:** Purified recombinant fragment of human KLK3 expressed in E. Coli.**Applications:** WB,FC**Recommended Dilutions:** WB: 1/500-1/1000 FC: 1/50-1/100**Host Species:** Mouse**Clonality:** Mouse Monoclonal**Clone ID:** 8A12**MW:** Calculated MW: 29 kDa; Observed MW: 37 kDa**Isotype:** IgG1**Purification:** Ascitic Fluid**Species Reactivity:** Human**Conjugation:** Unconjugated**Modification:** Unmodified**Constituents:** PBS (without Mg<sup>2+</sup> and Ca<sup>2+</sup>), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide**Research Areas:** Neuroscience**Storage & Shipping:** Store at -20°C. Avoid repeated freezing and thawing



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



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