



Rabbit Anti-Human PSA monoclonal antibody, clone 5I34M35 (CABT-L1550)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	This antibody is predicted to react with Monkey, Rabbit, Pig, Bovine and Rat.
Target	PSA
Immunogen	Peptide corresponding to Human KLK3 (aa 164-175).
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	5I34M35
Purification	Protein A Purified
Conjugate	Unconjugated
Applications	ICC/IF, WB Recommended concentration: ICC/IF: 2 µg/mL WB: 1-2 µg/mL
Format	Liquid
Concentration	0.5 mg/ml
Size	100 µg
Buffer	PBS, pH 7.2

Preservative	0.09% Sodium Azide
Storage	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

BACKGROUND

Introduction	PSA is a chymotrypsin-like serine protease (kallikrein family) produced by the prostate epithelium, and abundant in seminal fluid. PSA can be detected in the sera of patients with prostatic carcinoma. It is predominantly complexed to a liver-derived serine protease inhibitor, alpha-1-antichymotrypsin (ACT). A higher proportion of serum PSA is complexed to ACT in prostate cancer than in benign prostate hyperplasia. PSA is used to confirm prostatic acinar cell origin in primary and metastatic carcinoma and to rule out non-prostatic carcinoma mimics.
Keywords	Alternative namesAPS;Gamma seminoprotein;Gamma-seminoprotein;hK3;Kallikrein 3;Kallikrein related peptidase 3;Kallikrein-3;KLK 3;KLK2A1;KLK3;KLK3_HUMAN;P 30 antigen;P-30 antigen;P30 antigen;Prostate Specific Antigen;Prostate-specific antigen;Psa;Semenogelase;Seminin

GENE INFORMATION

Entrez Gene ID	354
UniProt ID	P55786