## **Product Datasheet**

# Kallikrein 3/PSA Antibody (A67-B/E3 + 1A7) - IHC-Prediluted NBP2-48334

Unit Size: 7 ml

Store at 4C.

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## NBP2-48334

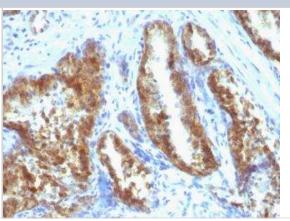
Kallikrein 3/PSA Antibody (A67-B/E3 + 1A7) - IHC-Prediluted	
Product Information	
Unit Size	7 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C.
Clonality	Monoclonal
Clone	A67-B/E3 + 1A7
Preservative	0.05% Sodium Azide
Isotype	IgG1 Kappa/IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA
Product Description	
Description	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining.
Host	Mouse
Gene ID	354
Gene Symbol	KLK3
Species	Human
Specificity/Sensitivity	Recognizes a single protein of 33-34kDa, identified as the prostate specific antigen (PSA). This monoclonal antibody is highly specific to PSA and stains prostatic secretory and ductal epithelium in both normal and neoplastic tissues. PSA is a chymotrypsin-like serine protease (kallikrein family) exclusively 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.
Immunogen	Kallikrein 3/PSA from human sperm plasma (Uniprot: P07288)
Product Application Details	
Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	Hu-chromosome location: 19q13.33 Immunohistochemistry-Paraffin 0.5 - 1.0 ug/ml for 30 minutes at RT; Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10 - 20 min followed by cooling at RT for 30 minutes. The 7mL size is a pro-diluted size and no additional



at RT for 20 minutes. The 7mL size is a pre-diluted size and no additional dilutions are required before using this item for the intended application.

## **Images**

Immunohistochemistry-Paraffin: Kallikrein 3/PSA Antibody (A67-B/E3 + 1A7) - IHC-Prediluted [NBP2-48334] - Formalin-fixed, paraffin-embedded human Prostate Carcinoma .





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### **Products Related to NBP2-48334**

HAF007 Goat anti-Mouse IgG Secondary Antibody [HRP]

NB720-B Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]

NBP2-61380-1mg Recombinant Human Kallikrein 3/PSA Protein

D6050 IL-6 [HRP]

#### Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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