Kallikrein-3 monoclonal antibody (03)

This mouse monoclonal antibody is specifically designed for the detection of KLK3 (Kallikrein-Related Peptidase 3), commonly known as prostate-specific antigen (PSA).

Kallikrein-3, also known as prostate-specific antigen (PSA), is a serine protease predominantly produced by the epithelial cells of the prostate gland. PSA plays a vital role in semen liquefaction by cleaving gel-forming proteins, facilitating sperm motility. Beyond its physiological function, PSA is a well-established biomarker for prostate cancer, benign prostatic hyperplasia (BPH), and other prostate-related conditions. Elevated PSA levels in the blood are commonly associated with prostate malignancies, making it a critical target for both diagnostic and therapeutic research in urology and oncology.

This antibody is covered by our Worry-Free Guarantee.

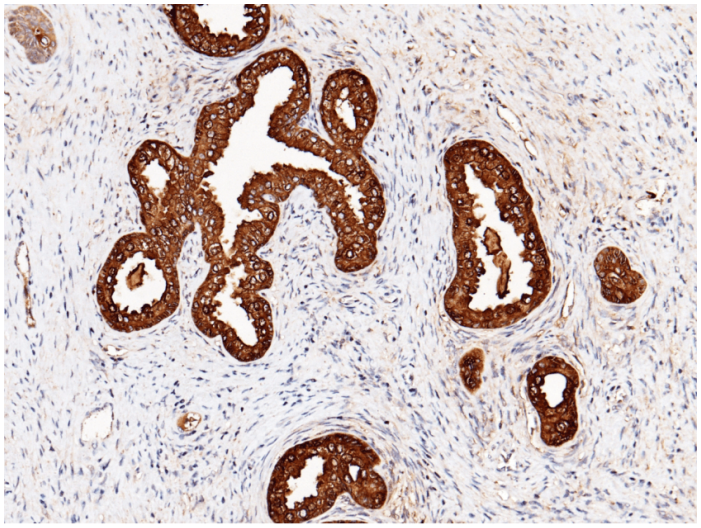
Ordering Information

Order Online »

ENZ-ABS1048-0100	100µl

Manuals, SDS & CofA

View Online »



Immunohistochemical staining of human KLK3 in human prostate with mouse monoclonal antibody (1:60, formalin-fixed paraffin embedded sections).

Handling & Storage

Handling	Avoid freeze-thaw cycles.
Long Term Storage	-20°C
Shipping	Blue Ice

Regulatory Status

RUO - Research Use Only

Product Details

Alternative Name	PSA, Prostate-specific antigen
Application	IHC (PS)
Clone	03
Formulation	Liquid. 0.2 µm filtered solution in PBS. Carrier-free. Preservative-free.
Host	Mouse
Immunogen	Recombinant human Kallikrein-3 protein.
Isotype	IgG
Purity Detail	Protein A purified.
Recommendation Dilutions/Conditions	Immunohistochemistry (paraffin sections) (1:50-1:200) Suggested dilutions/conditions may not be available for all applications. Optimal conditions must be determined individually for each application.
Source	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, recombinant human Kallikrein-3.
Species Reactivity	Human

Worry-free Guarantee

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