For Research Use Only

KLK3/PSA Monoclonal antibody, PBS Only

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Antibodies | ELISA kits | Proteins
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Catalog Number:60338-1-PBS

Basic Information

Catalog Number:
60338-1-PBS

Size:
100ug , Concentration: 1 mg/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG1060

GenBank Accession Number:
BC005307

GeneID (NCBI):
354

UNIPROT ID:
P07288

Full Name:
kallikrein-related peptidase 3

Calculated MW:
29 kDa

Observed MW:
30-34 kDa

Purification Method:
Protein A purification

CloneNo.:
4A1E2

Applications

Tested Applications:
WB, IHC, Indirect ELISA

Species Specificity:
human

Background Information

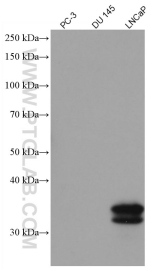
Kallikreins are a subgroup of serine proteases having diverse physiological functions. Growing evidence suggests that many kallikreins are implicated in carcinogenesis and some have potential as novel cancer and other disease biomarkers. kallikrein-related peptidase 3, which is also called PSA (prostate-specific antigen) in the clinical setting, is useful in the diagnosis and monitoring of prostatic carcinoma. KLK3 has 5 isoforms produced by alternative splicing.

Storage

Storage:
Store at -80°C.
Storage Buffer:
PBS Only

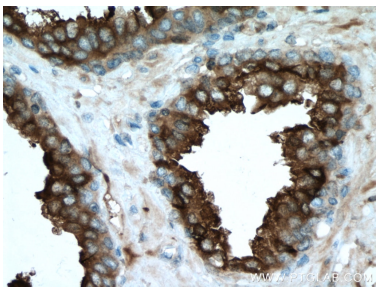
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

Selected Validation Data



PC-3(PSA-), DU 145(PSA-) and LNCaP (PSA+) cell lysates were subjected to SDS PAGE followed by western blot with 60338-1-Ig (KLK3/PSA antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 60338-1-PBS in a different storage buffer formulation.

Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 60338-1-Ig (KLK3/PSA antibody) at dilution of 1:5000 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60338-1-PBS in a different storage buffer formulation.



Immunohistochemical analysis of paraffin-embedded human prostate cancer tissue slide using 60338-1-Ig (KLK3/PSA antibody) at dilution of 1:5000 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0). This data was developed using the same antibody clone with 60338-1-PBS in a different storage buffer formulation.