9853 Pacific Heights Blvd.
Suite D. San Diego,
CA 92121, USA
Tel: 858-263-4982
Email: info@abeomics.com

44-1074: Anti-PSA Monoclonal Antibody (Clone:IHC654)

Clonality :	Monoclonal
Clone Name :	IHC654
Application :	IHC
Reactivity :	Human
Gene :	KLK3
Gene ID :	354
Uniprot ID :	P07288
Format :	Purified
Alternative Name :	KLK3,APS
Immunogen Information :	Recombinant Human PSA

Description

Prostate-Specific Antigen (PSA) is a serine protease of the kallikrein family, that is produced by the prostate epithelium and epithelial lining of the periurethral glands. Although considered prostate-specific, PSA has also been detected in breast tissue, breast tumors, endometrium, adrenal neoplasms, and renal cell carcinomas. Anti-PSA can be used for differentiating high-grade prostate adenocarcinoma from high-grade urothelial carcinoma, as well as for determining the prostatic origin of carcinomas in non-prostate tissues. Anti-PSA recognizes primary and metastatic prostatic neoplasms, but not tumors of nonprostatic origin, and can be useful as an aid to confirm prostatic acinar cell origin in primary and metastatic carcinomas.

Product Info

Amount :	0.1 ml / 0.5 ml
Purification :	Protein A/G Chromatography
Content :	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
Storage condition :	Store at 2°C - 8°C. Do not freeze.

Application Note

Recommended dilutions: Immunohistochemical analysis: 1:100 - 1:200. However, this need to be optimized based on the research applications.

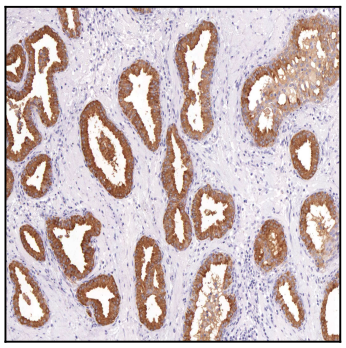

Figure 1: Immunohistochemical analysis of PSA (Clone: IHC654) on Prostate

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