

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

<b>Clonality :</b>	Monoclonal
<b>Clone Name :</b>	IHC654
<b>Application :</b>	IHC
<b>Reactivity :</b>	Human
<b>Gene :</b>	KLK3
<b>Gene ID :</b>	354
<b>Uniprot ID :</b>	P07288
<b>Format :</b>	Purified
<b>Alternative Name :</b>	KLK3,APS
<b>Immunogen Information :</b>	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

<b>Amount :</b>	0.1 ml / 0.5 ml
<b>Purification :</b>	Protein A/G Chromatography
<b>Content :</b>	Tris Buffer, pH 7.3 - 7.7, with 1% BSA and <0.1% Sodium Azide
<b>Storage condition :</b>	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.

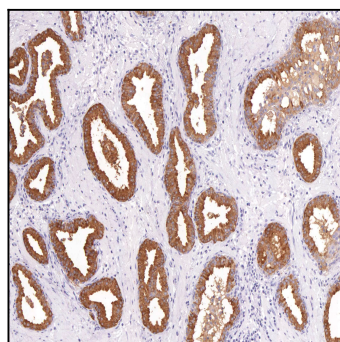


Figure 1: Immunohistochemical analysis of PSA (Clone: IHC654) on Prostate