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Datasheet for ABIN7477375

## Recombinant anti-Androgen Receptor antibody (AA 1-100)

### 3 Images

#### Overview

Quantity:	1 mL
Target:	Androgen Receptor (AR)
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Antibody Type:	Recombinant Antibody
Clonality:	Monoclonal
Conjugate:	This Androgen Receptor antibody is un-conjugated
Application:	Immunohistochemistry (IHC)

#### Product Details

Immunogen:	Synthetic peptide corresponding to residues (within aa1-100) of Androgen Receptor.
Clone:	MSVA-367R
Isotype:	IgG

#### Target Details

Target:	Androgen Receptor (AR)
Alternative Name:	Androgen Receptor ( <a href="#">AR Products</a> )
Background:	AIS, Dihydrotestosterone receptor (DHTR), HUMARA, HYSP1, Kennedy disease (KD), Nuclear receptor subfamily 3 group C member 4 (NR3C4), SMAX1, Spinal and bulbar muscular atrophy

## Target Details

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(SBMA), Testicular Feminization (TFM), Androgen Receptor antibody validated for immunohistochemistry on 76 different Normal Tissues

UniProt: [P10275](#)

Pathways: [Nuclear Receptor Transcription Pathway](#), [Intracellular Steroid Hormone Receptor Signaling Pathway](#), [Steroid Hormone Mediated Signaling Pathway](#), [Regulation of Intracellular Steroid Hormone Receptor Signaling](#), [Nuclear Hormone Receptor Binding](#), [Chromatin Binding](#)

## Application Details

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Application Notes: IHC 1:100-1:200

Comment: Positive Control: Kidney: An at least weak to moderate nuclear AR immunostaining should be seen in a subset of kidney tubuli and of glomerular cells.  
Negative Control: Colon: AR immunostaining should be absent in colonic mucosa.

Protocol: Manual Protocol: Freshly cut sections should be used (less than 10 days between cutting and staining). Heat-induced antigen retrieval for 5 minutes in an autoclave at 121 °C in pH 7,8 Target Retrieval Solution buffer. Apply the antibody at a dilution of 1:150 at 37 °C for 60 minutes. Visualization of bound antibody by the EnVision Kit (Dako, Agilent) according to the manufacturer's directions.

Restrictions: For Research Use only

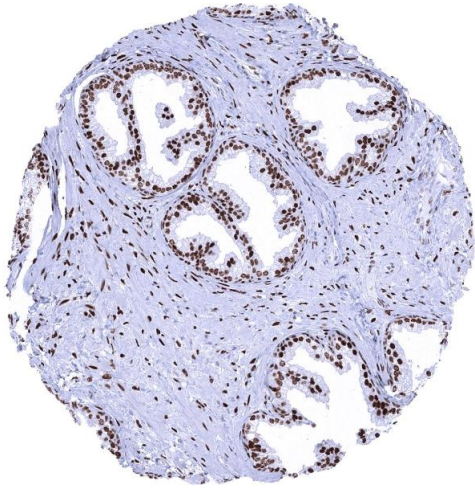
## Handling

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Format: Liquid

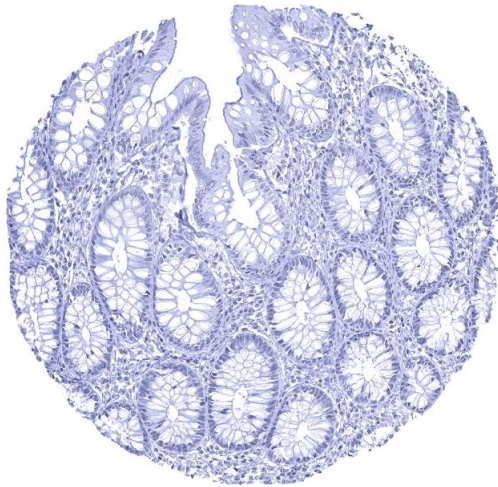
Storage: 4 °C, -20 °C, -80 °C

Storage Comment: Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non- hazardous.



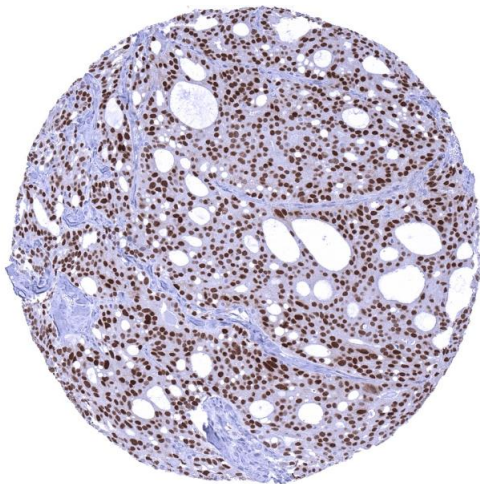
#### Immunohistochemistry

**Image 1.** Prostate A strong nuclear AR immunostaining is seen in stromal and epithelial cells of the prostate.



#### Immunohistochemistry

**Image 2.** Complete absence of AR staining in normal colon mucosa



#### Immunohistochemistry

**Image 3.** A strong nuclear AR immunostaining is seen in all cells of a prostatic adenocarcinoma Gleason