

## Product datasheet for **UM800132CF**

### Androgen Receptor (AR) Mouse Monoclonal Antibody [Clone ID: UMAB240]

#### Product data:

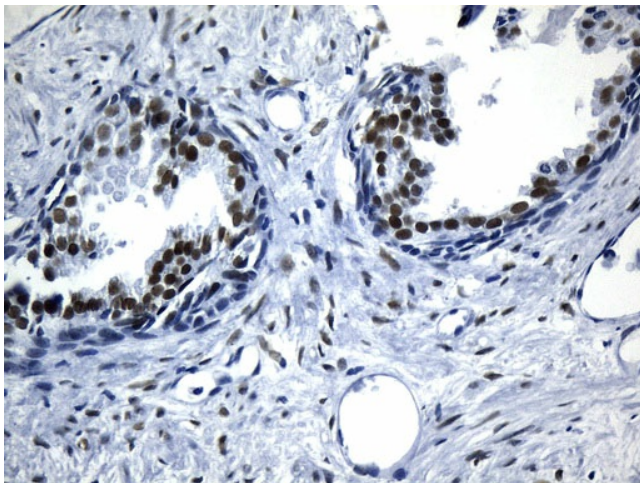
Product Type:	Primary Antibodies
Clone Name:	UMAB240
Applications:	IHC
Recommended Dilution:	IHC 1:100
Reactivity:	Human, Mouse, Rat
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Human recombinant protein fragment corresponding to amino acids 420-659 of human AR(NP_000035) produced in E.coli.
Formulation:	Lyophilized powder (original buffer 1X PBS, pH 7.3, 8% trehalose)
Reconstitution Method:	For reconstitution, we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process. (OriGene recommends Zeba Spin Desalting Columns, 7KMWCO from Thermo Scientific)
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	99 kDa
Gene Name:	androgen receptor
Database Link:	<a href="#">NP_000035</a> <a href="#">Entrez Gene 11835 Mouse</a> <a href="#">Entrez Gene 24208 Rat</a> <a href="#">Entrez Gene 367 Human</a> <a href="#">P10275</a>
Synonyms:	AIS; AR8; DHTR; HUMARA; HYSY1; KD; NR3C4; SBMA; SMAX1; TFM
Protein Families:	Druggable Genome, Nuclear Hormone Receptor, Transcription Factors



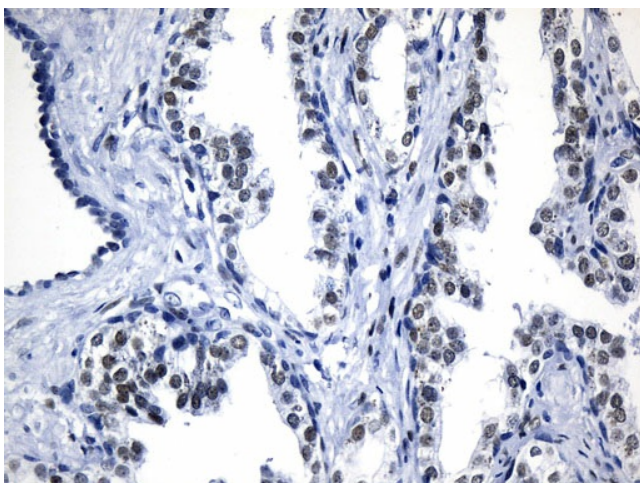
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Protein Pathways: Oocyte meiosis, Pathways in cancer, Prostate cancer

### Product images:



Immunohistochemical staining of paraffin-embedded Human prostate tissue within the normal limits using anti-AR mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [UM800132]) (1:100)



Immunohistochemical staining of paraffin-embedded Carcinoma of Human prostate tissue using anti-AR mouse monoclonal antibody. (Heat-induced epitope retrieval by 1mM EDTA in 10mM Tris buffer (pH8.5) at 120°C for 3min, [UM800132]) (1:100)