



TMA-validated antibodies

Cat nr AE00344

Product Datasheet

Rabbit Recombinant Antibody, AE367R to:

Androgen Receptor

Androgen receptor; Dihydrotestosterone receptor; Nuclear receptor subfamily 3 group C member 4; AIS; AR; AR8; DHTR; HUMARA; HYSP1; KD; NR3C4; SBMA; SMAX1; TFM

Cellular localization nucleus

Official Symbol (Gene) AR
GenelD 367
SwissProt P10275

Confirmed Applications	IHC
Positive controls	testis, seminal vesicle, prostate, cerebellum, skin, epididymis, ovary, endometrium
Aeonian Rating©	95

Purification By Protein A from bioreactor concentrate

Formulation 0.2 mg IgG/ml in PBS with 0.5% BSA & 0.05% azide.
 0.2 mg IgG/ml in PBS with 0.05% azide, without BSA.

Amount 200ug 1000ug
Isotype Rabbit IgG

Confirmed species reactivity Human
Immunogen Synthetic peptide corresponding to within aa1-100 region of Androgen Receptor
Epitope Within aa 1-100 region

Storage instructions Avoid repeated freeze/thaw cycles. For long term storage, keep small aliquots at -20C or -80C and keep one aliquot at 4C for daily experimentations. Azide will preserve antibody at 4C for 6-12 months, when kept away from direct sun light.

Expiration Integrity warranted for 24 months after purchase when handled and stored according to instructions, see below.

Warranty This product is only warranted for the specifications as described in this product sheet and only when the product is handled and stored according to instructions. User should validate this antibody in the application and tissue/cell type as required, after confirmation of integrity upon receipt is obtained by reproducing the performance as described below. Should such confirmation not be attempted, any warranty is void. In case of non-conformance, user needs to contact us immediately for replacement or refund.

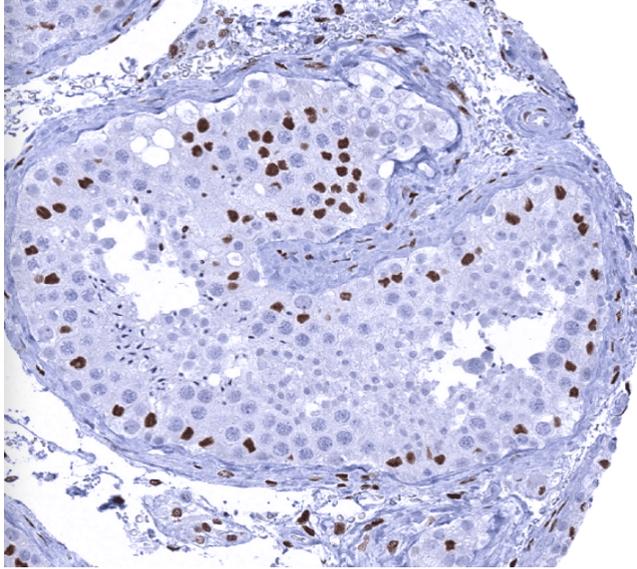
Liability This product is for in vitro research use only. Any other applications, such as diagnostics or therapeutics, or in vivo experiments, and the validation of this product therein, are solely at the responsibility of the buyer/user.

Product performance see next pages

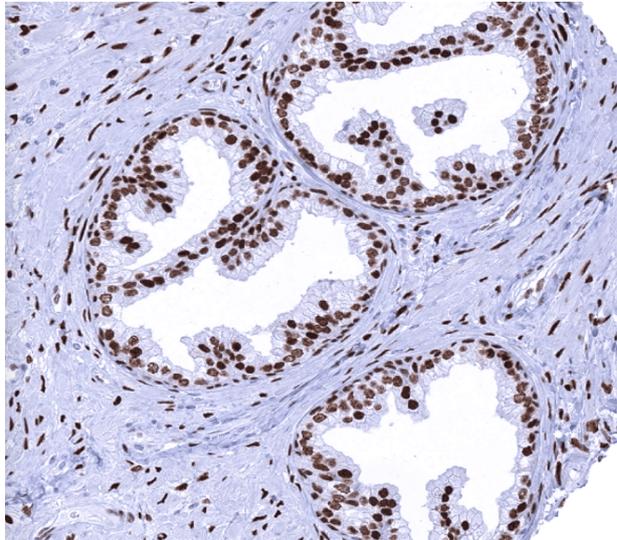
Product data:

Immunohistochemistry (IHC):

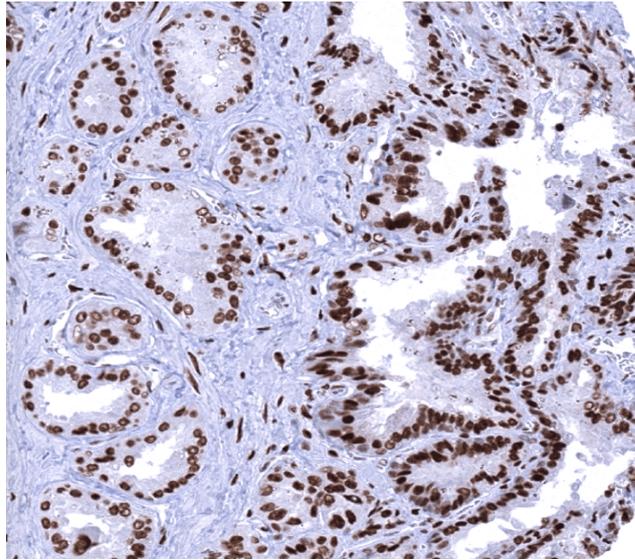
This product was successfully used to stain nuclei in Sertoli and Leydig cells of human testis sections, and in epithelial and stromal cells of human prostate and seminal vesicle sections. Recommended concentration: 1-3ug/ml



Formaldehyde-fixed, paraffin-embedded human testis stained with Androgen Receptor Rabbit Recombinant Antibody AE00344 at 1-2ug/ml for 60 minutes at 37°C. Epitope retrieval: Autoclave at 121°C, pH7.8 for 5 min followed by 20 min cooling. DAB staining by HRP polymer.



Formaldehyde-fixed, paraffin-embedded human prostate stained with Androgen Receptor Rabbit Recombinant Antibody AE00344 at 1-2ug/ml for 60 minutes at 37°C. Epitope retrieval: Autoclave at 121°C, pH7.8 for 5 min followed by 20 min cooling. DAB staining by HRP polymer.



Formaldehyde-fixed, paraffin-embedded human seminal vesicle stained with Androgen Receptor Rabbit Recombinant Antibody AE00344 at 1-2ug/ml for 60 minutes at 37°C. Epitope retrieval: Autoclave at 121°C, pH7.8 for 5 min followed by 20 min cooling. DAB staining by HRP polymer.

Tissue Microarray Validation:

Normal tissues

Strong positive

endometrium, proliferative
 epididymis
 fallopian tube
 prostate
 seminal vesicle
 skin
 testis

Weak to moderate

breast
 bronchial mucosa
 endometrium, secretory
 esophagus, squamous epithelium
 gallbladder epithelium
 ileum mucosa
 liver
 lymph node
 myometrium
 ovarian stroma
 pancreas
 parotid gland
 placenta early
 renal cortex
 skeletal muscle
 spleen
 stomach
 thymus
 thyroid gland
 tonsil
 urinary bladder muscular wall
 urothelium

No staining at all

adipose
 adrenal gland
 aorta, media
 appendix mucosa
 appendix muscular wall
 bone marrow
 cerebellum
 cerebrum
 colon muscular wall
 duodenum, Brunner gland
 duodenum mucosa
 heart muscle
 lung
 parathyroid
 pituitary gland
 placenta mature
 rectum mucosa
 renal medulla

Cancer tissues

Strong positive

breast cancer no specific type
hepatocellular carcinoma
papillary renal cell carcinoma
prostate adenocarcinomas

Weak to moderate

endometrioid carcinoma
high-grade serous carcinoma
prostate small cell carcinoma
urothelial carcinoma

No staining at all

adrenocortical adenoma
cholangiocellular carcinoma
clear cell renal cell carcinoma
colorectal adenocarcinoma
epitheloid malignant
mesothelioma
esophageal adenocarcinoma
esophageal squamous cell
carcinoma
gastric adenocarcinoma
gastrointestinal stromal tumor
leiomyosarcoma
lung adenocarcinoma
ovarian clear cell carcinoma
pancreas ductal adenocarcinoma
pancreas neuroendocrine tumor
pharynx squamous cell carcinoma
renal oncocytoma
seminoma
thyroid medullary carcinoma
thyroid, papillary cancer
