

## Androgen Receptor Monoclonal Antibody

CAB19611

### Description

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This Androgen Receptor Monoclonal Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

### Product Information

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<b>SKU:</b>	CAB19611
<b>Contents:</b>	20 $\mu$ L, 100 $\mu$ L Bradford Reagent: 1 vial (2ml)
<b>Category:</b>	Monoclonal Antibody
<b>Synonyms:</b>	KD, AIS, AR8, TFM, DHTR, SBMA, HYSP1, NR3C4, SMAX1, HUMARA, Androgen Receptor
<b>Clone:</b>	ARC0090
<b>Applications:</b>	WB IHC-P IP ELISA IF-P mIHC
<b>Conjugation:</b>	Unconjugated
<b>Reactivity:</b>	Human, Mouse, Rat

### Antibody Data

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<b>Gene ID:</b>	367
<b>Uniprot:</b>	AB_2862699
<b>Host Species:</b>	Rabbit
<b>Purification:</b>	Affinity purification
<b>Observed MW:</b>	110kDa
<b>Calculated MW:</b>	99kDa

## Preparation & Storage

**Storage:** Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Store Bradford Reagent at Room Temperature for 1 Year.

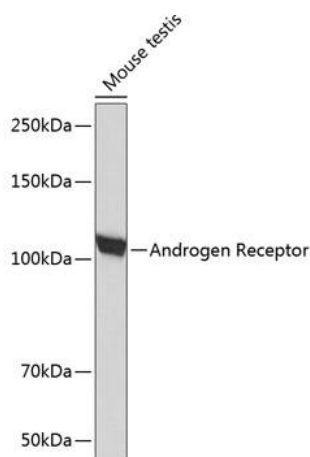
**Positive Sample:** Mouse testis

**Recommended Dilutions:**

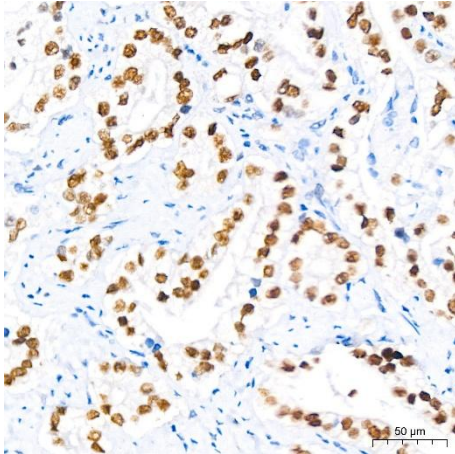
<b>WB</b>	1:1000 - 1:2000
<b>IP</b>	0.5µg-4µg antibody for 400µg-600µg extracts of whole cells
<b>IF-P</b>	1:200 - 1:800
<b>IHC-P</b>	1:200 - 1:800 mIHC 1:200 - 1:800
<b>ELISA</b>	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

**Protein Quantification (Optional):** To quantify total protein levels, use the Bradford Reagent included in this kit. Visit <https://www.assaygenie.com/bradford-protein-assay-protocol/> to view the full protocol

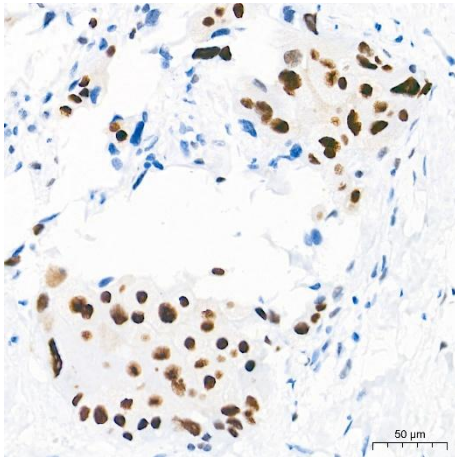
## Validation Data



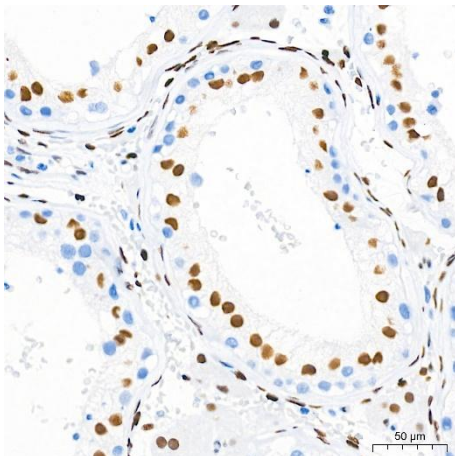
Western blot analysis of lysates from mouse testis, using Androgen Receptor Rabbit mAb (CAB19611) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 90s.



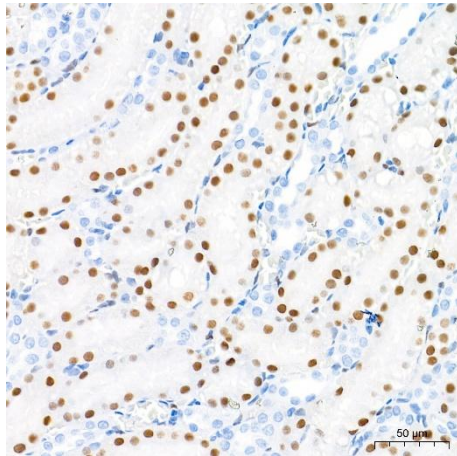
Immunohistochemistry analysis of paraffin-embedded Human prostate cancer tissue using Androgen Receptor Rabbit mAb (CAB19611) at dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



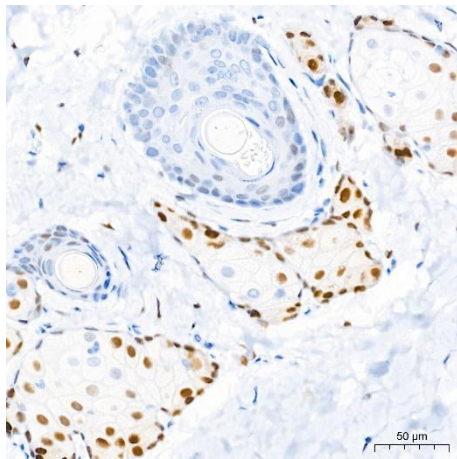
Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using Androgen Receptor Rabbit mAb (CAB19611) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



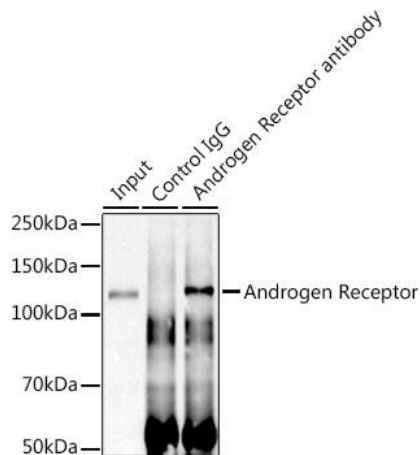
Immunohistochemistry analysis of paraffin-embedded Human testis tissue using Androgen Receptor Rabbit mAb (CAB19611) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



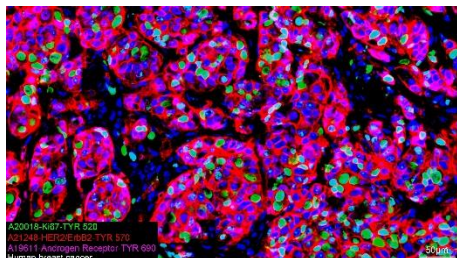
Immunohistochemistry analysis of paraffin-embedded Rat kidney tissue using Androgen Receptor Rabbit mAb (CAB19611) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat skin tissue using Androgen Receptor Rabbit mAb (CAB19611) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



Immunoprecipitation analysis of 600 μg extracts of Mouse testis cells using 3 μg Androgen Receptor antibody (CAB19611). Western blot was performed from the immunoprecipitate using Androgen Receptor antibody (CAB19611) at a dilution of 1:1000.



The multiplex IHC analysis on paraffin-embedded Human breast cancer tissue using the following specific primary antibodies and tyramide signal amplification (TSA) reagents: Ki67 Rabbit mAb (, 1:500) with TSA-TYR-520 (Green), /ErbB2 Rabbit mAb (, 1:200) with TSA-TYR-570 (Red), and Androgen Receptor Rabbit mAb (CAB19611, 1:400) with TSA-TYR-690 (Magenta). DAPI (Blue) was used for nuclear staining. Prior to multiplex IHC staining, high-pressure antigen retrieval was performed using 0.01M citrate buffer at pH 6.0. The analysis was completed using a 20x objective lens.