

Androgen Receptor Monoclonal Antibody

CAB19611

Description

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

SKU: CAB19611

Contents: 20 µL, 100 µL
Bradford Reagent: 1 vial (2ml)

Category: Monoclonal Antibody

Synonyms: KD, AIS, AR8, TFM, DHTR, SBMA, HYSP1, NR3C4, SMAX1, HUMARA, Androgen Receptor

Clone: ARC0090

Applications: WB IHC-P IP ELISA IF-P mIHC

Conjugation: Unconjugated

Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 367

Uniprot: AB_2862699

Host Species: Rabbit

Purification: Affinity purification

Observed MW: 110kDa

Calculated MW: 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.

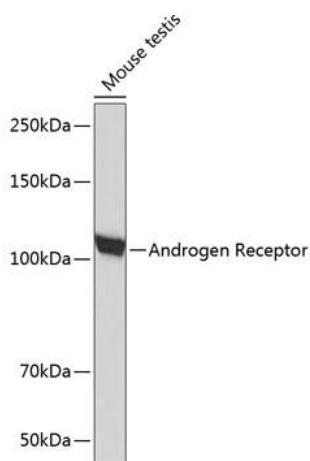
Positive Sample: Mouse testis

Recommended Dilutions:

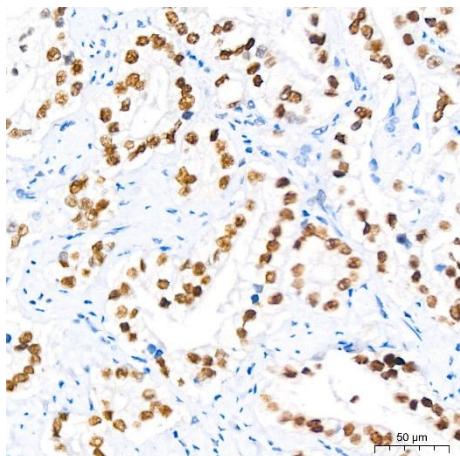
WB	1:1000 - 1:2000
IP	0.5µg-4µg antibody for 400µg-600µg extracts of whole cells
IF-P	1:200 - 1:800
IHC-P	1:200 - 1:800 mIHC 1:200 - 1:800
ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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

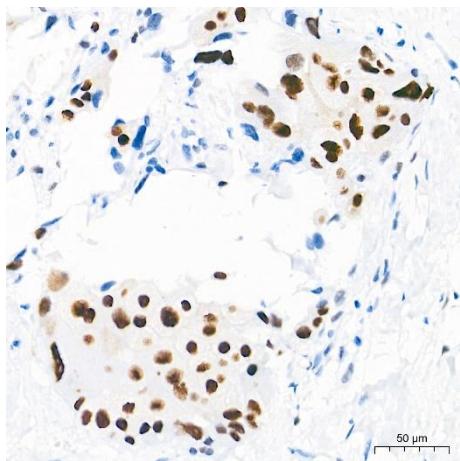
Validation Data



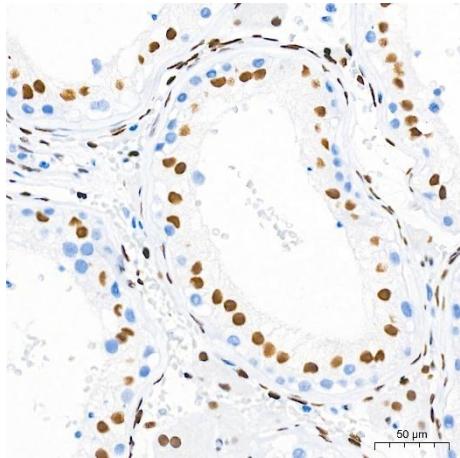
Western blot analysis of lysates from mouse testis, using Androgen Receptor Rabbit mAb (CAB19611) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL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



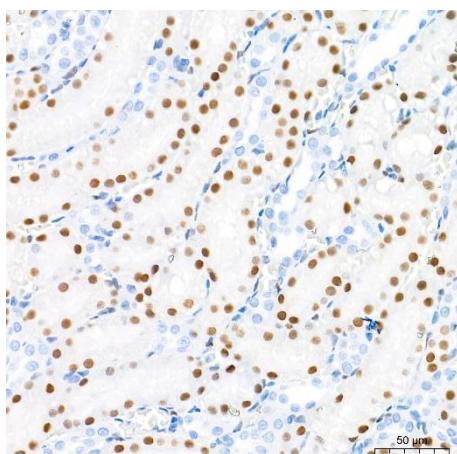
Immunohistochemistry analysis of paraffin-embedded Human prostate cancer tissue using Androgen Receptor Rabbit mAb (CAB19611) at dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.



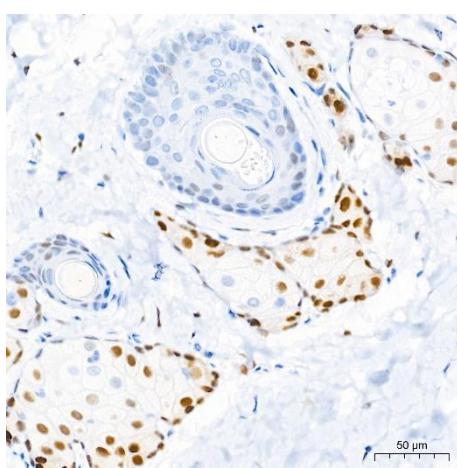
Immunohistochemistry analysis of paraffin-embedded Human breast cancer tissue using Androgen Receptor Rabbit mAb (CAB19611) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



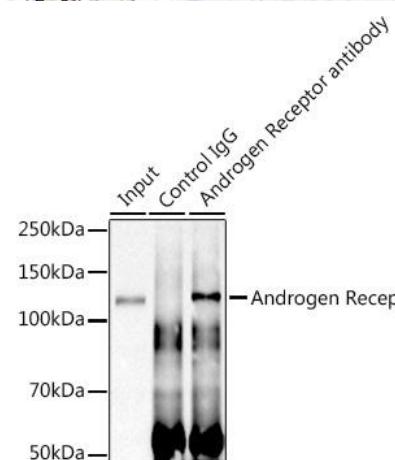
Immunohistochemistry analysis of paraffin-embedded Human testis tissue using Androgen Receptor Rabbit mAb (CAB19611) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



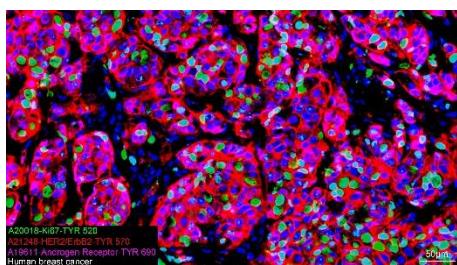
Immunohistochemistry analysis of paraffin-embedded Rat kidney tissue using Androgen Receptor Rabbit mAb (CAB19611) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Tris-EDTA Buffer (pH 9.0) prior to IHC staining.



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.