

Androgen Receptor

Catalog # RB-9030-P0, -P1, or -P (0.1ml, 0.5ml, or 1.0ml at 200ug/ml)

Catalog # RB-9030-R7 (7.0ml)

Catalog # RB-9030-PCS

INTENDED USE:

- **For In Vitro Diagnostic Use:** This product is intended for qualitative immunohistochemistry with normal and neoplastic formalin-fixed, paraffin-embedded tissue sections, to be viewed by light microscopy.
- **Description:** The androgen receptor (AR) is a member of the steroid superfamily of ligand-dependent transcription factors. The expression of AR is reportedly inversely correlated with histologic grade i.e. well differentiated prostate tumors show higher expression than the poorly differentiated tumors. In prostate cancer, AR has been proposed as a marker of hormone-responsiveness.
- **Expected Staining Pattern:** Nuclear
- **Positive Control:** LnCAp cells or prostate CA

MATERIALS PROVIDED:

Androgen Receptor (refer to catalog number):

- #RB-9030-P (or -P0, -P1): 200ug/ml of antibody purified from ascites. Prepared in 10mM PBS, pH 7.4, with 0.2% BSA and 0.09% sodium azide.
or
- #RB-9030-R7: (7.0ml) of antibody prediluted in 0.05mol/L Tris-HCl, pH 7.6 containing stabilizing protein and 0.015mol/L sodium azide.
or
- #RB-9030--PCS: 5 positive control slides.
- **Antibody Concentration:** 200ug/ml
- **Host:** Rabbit
- **Mol. Wt. of Antigen:** 110kDa
- **Epitope:** N-terminal
- **Species Reactivity:** Human, Mouse and Rat. Others not tested.
- **Ig Isotype / Light Chain:** IgG
- **Immunogen:** A synthetic peptide derived from N-terminal of rat AR.
- **Microbiological State:** This product is not sterile.

MATERIALS REQUIRED, BUT NOT PROVIDED:

- **Antibody Diluent:** For concentrated antibodies, the antibody must be diluted before using. Use Lab Vision Antibody Diluent (catalog # TA-125-UD). Refer to diluent product instructions for use.
- **Negative Control Reagent:** Refer to the "General Protocol" instructions.
- **Visualization System:** Refer to the "General Protocol" instructions.

METHODS AND PROCEDURES:

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| Specimen Preparation | Refer to the "General Protocol" instructions. |
| Dilution of Concentrated Antibody | 1:100-1:200 in antibody diluent |
| Tissue Section Pretreatment | Staining of formalin-fixed tissue sections requires treating the tissue sections in boiling 10mM citrate buffer, pH 6.0 (Lab Vision catalog # AP-9003), for 10-20 minutes followed by cooling at room temperature for 20 min. |
| Primary Antibody Incubation Time | 30 minutes at Room Temperature |
| Visualization | To detect antibody, follow the instructions provided with the visualization system. |

STORAGE and STABILITY:

This product contains sodium azide and is stable for 24 months when stored at 2-8°C. Do not use after expiration date indicated on label of the product. If reagent is not stored as recommended, performance must be validated by the user.