

# Anti-Androgen Receptor (AR-V7 specific) antibody [EPR15656-290] - BSA and Azide free ab273511

Recombinant RabMAb

3 Images

### Overview

<b>Product name</b>	Anti-Androgen Receptor (AR-V7 specific) antibody [EPR15656-290] - BSA and Azide free
<b>Description</b>	Rabbit monoclonal [EPR15656-290] to Androgen Receptor (AR-V7 specific) - BSA and Azide free
<b>Host species</b>	Rabbit
<b>Tested applications</b>	<b>Suitable for:</b> Flow Cyt (Intra), WB, ICC/IF <b>Unsuitable for:</b> IHC-P
<b>Species reactivity</b>	<b>Reacts with:</b> Human
<b>Immunogen</b>	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
<b>Positive control</b>	WB: 22Rv1 whole cell lysate. ICC/IF: 22Rv1 cells. Flow Cyt (intra): 22Rv1 cells.
<b>General notes</b>	ab273511 is the carrier-free version of <a href="#">ab273500</a> .

Our **carrier-free** antibodies are typically supplied in a PBS-only formulation, purified and free of BSA, sodium azide and glycerol. The carrier-free buffer and high concentration allow for increased conjugation efficiency.

This conjugation-ready format is designed for use with fluorochromes, metal isotopes, oligonucleotides, and enzymes, which makes them ideal for antibody labelling, functional and cell-based assays, flow-based assays (e.g. mass cytometry) and Multiplex Imaging applications.

Use our **conjugation kits** for antibody conjugates that are ready-to-use in as little as 20 minutes with <1 minute hands-on-time and 100% antibody recovery: available for fluorescent dyes, HRP, biotin and gold.

This product is compatible with the Maxpar<sup>®</sup> Antibody Labeling Kit from Fluidigm, without the need for antibody preparation. Maxpar<sup>®</sup> is a trademark of Fluidigm Canada Inc.

This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free production

For more information [see here](#).

Our RabMAb<sup>®</sup> technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to [RabMAb<sup>®</sup> patents](#).

## Properties

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<b>Form</b>	Liquid
<b>Storage instructions</b>	Shipped at 4°C. Store at +4°C. Do Not Freeze.
<b>Storage buffer</b>	pH: 7.2 Constituent: PBS
<b>Carrier free</b>	Yes
<b>Purity</b>	Protein A purified
<b>Clonality</b>	Monoclonal
<b>Clone number</b>	EPR15656-290
<b>Isotype</b>	IgG

## Applications

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**The Abpromise guarantee** Our **Abpromise guarantee** covers the use of ab273511 in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt (Intra)		Use at an assay dependent concentration.
WB		Use at an assay dependent concentration. Detects a band of approximately 80 kDa (predicted molecular weight: 99 kDa).
ICC/IF		Use at an assay dependent concentration.

**Application notes** Is unsuitable for IHC-P.

## Target

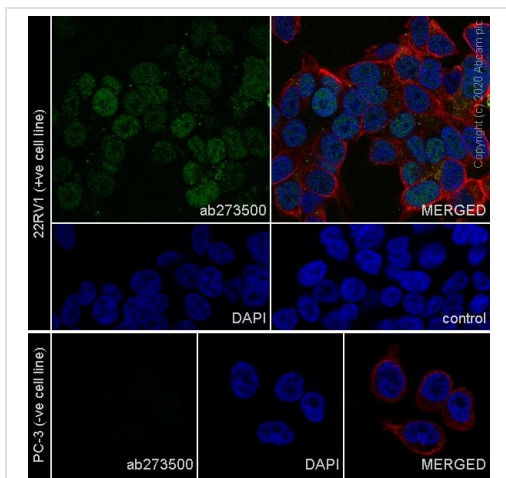
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**Relevance** Belongs to the nuclear hormone receptor family. Contains nuclear receptor DNA-binding domain. Steroid hormone receptors are ligand-activated transcription factors that regulate eukaryotic gene expression and affect cellular proliferation and differentiation in target tissues. Transcription factor activity is modulated by bound coactivator and corepressor proteins. This target is a splice variant of Androgen receptor (UniProt P10275) lacking the C-terminal androgen binding site.

**Cellular localization** Nuclear

## Images

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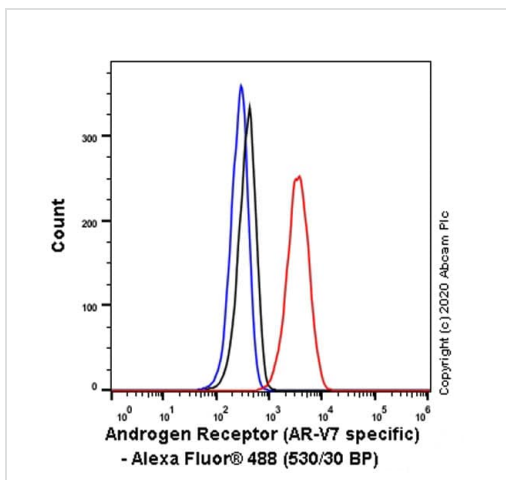
Immunocytochemistry/ Immunofluorescence - Anti-Androgen Receptor (AR-V7 specific) antibody [EPR15656-290] - BSA and Azide free (ab273511)

Immunofluorescent analysis of 4% Paraformaldehyde-fixed, 0.1% TritonX-100 permeabilized 22Rv1 cells labelling Androgen Receptor (AR-V7 specific) with **ab273500** at 1/50 dilution, followed by **ab150077** Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) antibody at 1/1000 dilution (Green). Confocal image showing nuclear and weakly cytoplasmic staining in 22RV1 cell line.

**ab195889** Anti-alpha Tubulin mouse monoclonal antibody - Microtubule Marker (Alexa Fluor® 594) was used to counterstain tubulin at 1/200 dilution (Red). The Nuclear counterstain was DAPI (Blue).

Secondary antibody only control: Secondary antibody is **ab150077** Goat Anti-Rabbit IgG H&L (Alexa Fluor® 488) at 1/1000 dilution.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab273500**).



Flow Cytometry (Intracellular) - Anti-Androgen Receptor (AR-V7 specific) antibody [EPR15656-290] - BSA and Azide free (ab273511)

Intracellular flow cytometric analysis of 4% paraformaldehyde fixed, 90% methanol permeabilized 22Rv1 (human prostate carcinoma epithelial cell) cells labelling Androgen Receptor (AR-V7 specific) with **ab273500** at 1/50 dilution (1ug) (Red) (Red) compared with a Rabbit monoclonal IgG (**ab172730**) (Black) isotype control and an unlabelled control (cells without incubation with primary antibody and secondary antibody) (Blue). A Goat anti rabbit IgG (Alexa Fluor®488, **ab150077**) at 1/2000 dilution was used as the secondary antibody.

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab273500**).

### Why choose a recombinant antibody?



**Research with confidence**  
Consistent and reproducible results



**Long-term and scalable supply**  
Recombinant technology



**Success from the first experiment**  
Confirmed specificity



**Ethical standards compliant**  
Animal-free production

Anti-Androgen Receptor (AR-V7 specific) antibody  
[EPR15656-290] - BSA and Azide free (ab273511)

**Please note:** All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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- Response to your inquiry within 24 hours
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- Extensive multi-media technical resources to help you
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