

Product datasheet

Anti-Androgen receptor variant 5,6,7es antibody [EPR15657] αb200827

Recombinant RabMAb

★★★★★ [2 Abreviews](#) [4 References](#) [7 Images](#)

Overview

Product name	Anti-Androgen receptor variant 5,6,7es antibody [EPR15657]
Description	Rabbit monoclonal [EPR15657] to Androgen receptor variant 5,6,7es
Host species	Rabbit
Specificity	This ARv567es antibody (Ab200827, clone EPR15657) is a rabbit monoclonal antibody against Human Androgen receptor variant 5,6,7es (aa 700 to the C-terminus). This antibody does not react with AR-FL.
Tested applications	Suitable for: WB, IHC-P
Species reactivity	Reacts with: Human
Immunogen	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
Positive control	WB: M12-3FARV567es. IHC-P: Human prostate cancer tissue.
General notes	<p>Anti-ARv567es RabMAb product (Clone EPR15657) has been highlighted in the following poster: Identification of ARv567es expression profile in the prostate cancer clinical samples with a newly developed antibody.</p> <p>For ARv7 specific RabMAb antibody - see ab198394.</p> <p>This product is a recombinant monoclonal antibody, which offers several advantages including:</p> <ul style="list-style-type: none"> - High batch-to-batch consistency and reproducibility - Improved sensitivity and specificity - Long-term security of supply - Animal-free production <p>For more information see here.</p> <p>Our RabMAb[®] technology is a patented hybridoma-based technology for making rabbit monoclonal antibodies. For details on our patents, please refer to RabMAb[®] patents.</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer	pH: 7.2 Preservative: 0.01% Sodium azide Constituents: 59% PBS, 40% Glycerol (glycerin, glycerine), 0.05% BSA
Purity	Protein A purified
Clonality	Monoclonal
Clone number	EPR15657
Isotype	IgG

Applications

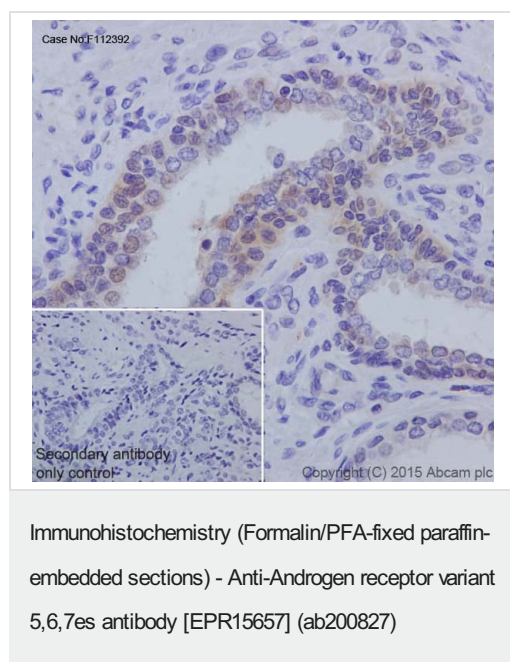
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab200827 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
WB		1/1000 - 1/10000. Detects a band of approximately 100 kDa (predicted molecular weight: 77 kDa). It is suggested to use the low dilution in natural material as 1/10,000 is based on over-expressed lysate testing.
IHC-P		1/500. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Target

Cellular localization Nuclear

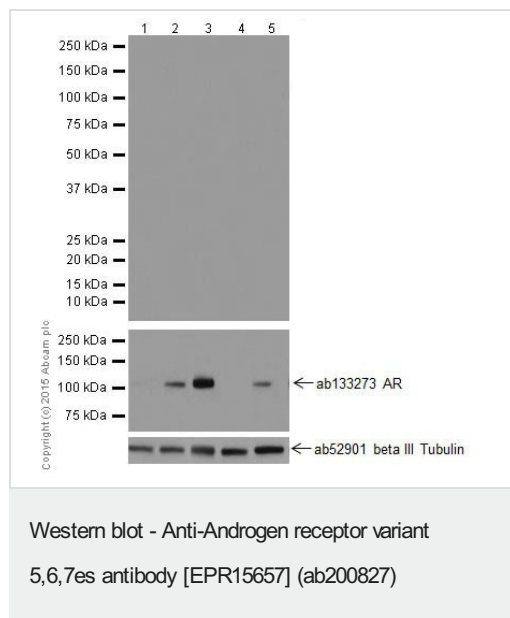
Images



Immunohistochemical analysis of paraffin-embedded Human prostate cancer tissue labeling Androgen receptor variant 5,6,7es with ab200827 at 1/500 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) secondary antibody at 1/500 dilution. Cytoplasmic and nuclear staining on Human prostate cancer tissue is observed. Counter stained with Hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/500 dilution.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



All lanes : Anti-Androgen receptor variant 5,6,7es antibody [EPR15657] (ab200827) at 1/1000 dilution

Lane 1 : Human fetal liver tissue lysate

Lane 2 : PC-3 (Human prostate adenocarcinoma cell line) whole cell lysate

Lane 3 : LNCaP (Human prostate cancer cell line) whole cell lysate

Lane 4 : T-47D (Human ductal breast epithelial tumor cell line) whole cell lysate

Lane 5 : Human prostate tissue lysate

Lysates/proteins at 10 µg per lane.

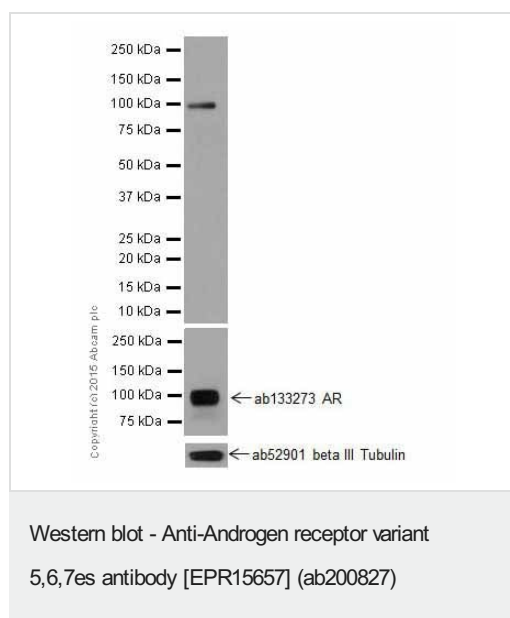
Secondary

All lanes : Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 77 kDa

Exposure time: 3 minutes

Blocking/Dilution buffer: 5% NFDM/TBST.



Anti-Androgen receptor variant 5,6,7es antibody [EPR15657] (ab200827) at 1/10000 dilution + M12-3FARV567es

Secondary

Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/1000 dilution

Predicted band size: 77 kDa

Observed band size: 100 kDa

Exposure time: 3 minutes

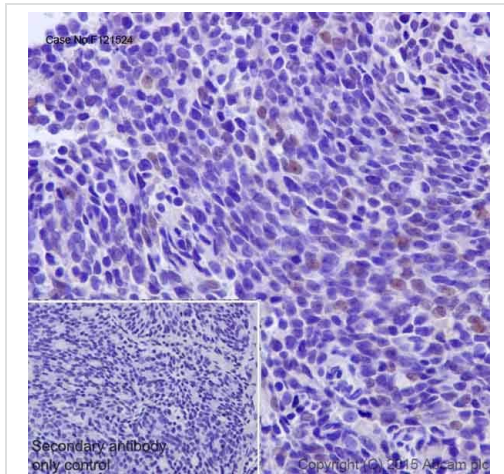
Blocking/Dilution buffer: 5% NFDM/TBST.

Full length ARV567es M12 overexpress lysate containing aa1-739 with 3× DDDDK-tag was supplied by Stephen R. Plymate, M.D. Professor, Department of Medicine, University of Washington,

Seattle, WA.

Liu G. et al. 2013. AR variant ARv567es induces carcinogenesis in a novel transgenic mouse model of prostate cancer. *Neoplasia* 15, 1009-1017.

Cao B. et al. 2014. Androgen receptor splice variants activating the full-length receptor in mediating resistance to androgen-directed therapy. *Oncotarget* 5, 1646-1656.

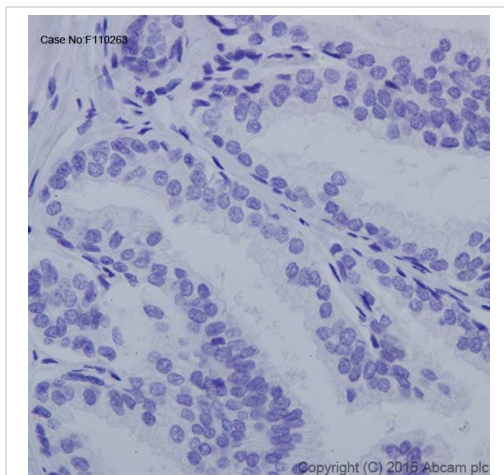


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Androgen receptor variant 5,6,7es antibody [EPR15657] (ab200827)

Immunohistochemical analysis of paraffin-embedded Human prostate cancer tissue labeling Androgen receptor variant 5,6,7es with ab200827 at 1/500 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) secondary antibody at 1/500 dilution. Cytoplasmic and nuclear staining on Human prostate cancer tissue is observed. Counter stained with Hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/500 dilution.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

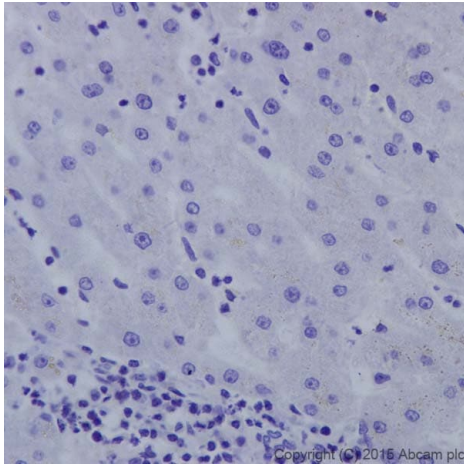


Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Androgen receptor variant 5,6,7es antibody [EPR15657] (ab200827)

Immunohistochemical analysis of paraffin-embedded Human prostate cancer tissue labeling Androgen receptor variant 5,6,7es with ab200827 at 1/500 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) secondary antibody at 1/500 dilution. Negative on Human prostate cancer. Counter stained with Hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG H&L (HRP) ([ab97051](#)) at 1/500 dilution.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



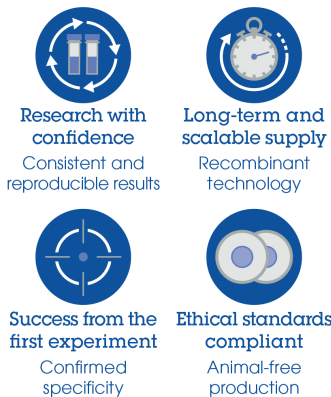
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Androgen receptor variant 5,6,7es antibody [EPR15657] (ab200827)

Immunohistochemical analysis of paraffin-embedded Human liver tissue labeling Androgen receptor variant 5,6,7es with ab200827 at 1/500 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) secondary antibody at 1/500 dilution. Negative on Human liver tissue. Counter stained with Hematoxylin.

Secondary antibody only control: Used PBS instead of primary antibody, secondary antibody is Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) at 1/500 dilution.

Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.

Why choose a recombinant antibody?



Anti-Androgen receptor variant 5,6,7es antibody [EPR15657] (ab200827)

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

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors