

Anti-Androgen Receptor (AR-V7 specific) antibody [EPR15656] - Low endotoxin, Azide free ab209491

重组 RabMAb

1 References 7 图像

概述

产品名称	Anti-Androgen Receptor (AR-V7 specific)抗体[EPR15656] - Low endotoxin, Azide free
描述	兔单克隆抗体[EPR15656] to Androgen Receptor (AR-V7 specific) - Low endotoxin, Azide free
宿主	Rabbit
特异性	This target is a splice variant of AR lacking the C-terminal androgen binding site.
经测试应用	适用于: IHC-P, WB
种属反应性	与反应: Human
免疫原	Synthetic peptide. This information is proprietary to Abcam and/or its suppliers.
阳性对照	WB: 22Rv1 whole cell lysate. IHC-P: Human prostate cancer tissue.
常规说明	<p>ab209491 is the carrier-free version of ab198394.</p> <p>For Androgen receptor variant 5,6,7es (ARv567es) specific RabMAb product - see ab200827.</p> <p>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.</p> <p>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.</p> <p>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.</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> <p>Our Low endotoxin, azide-free formats have low endotoxin level (≤ 1 EU/ml, determined by the</p>

LAL assay) and are free from azide, to achieve consistent experimental results in functional assays.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C. Do Not Freeze.
存储溶液	pH: 7.2 Constituent: PBS
无载体	是
纯度	Protein A purified
克隆	单克隆
克隆编号	EPR15656
同种型	IgG

应用

The Abpromise guarantee **Abpromise™** 承诺保证使用 ab209491 于以下的经测试应用

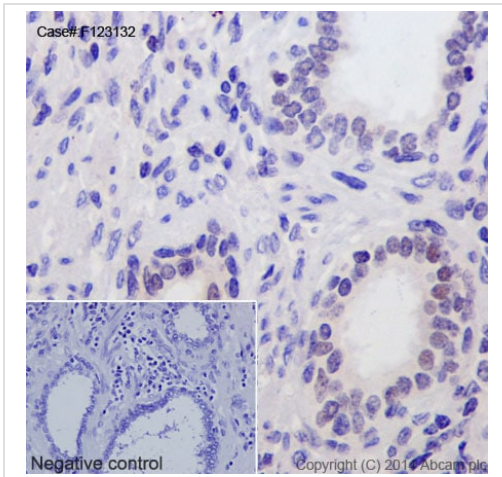
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
IHC-P		Use at an assay dependent concentration. Perform heat mediated antigen retrieval with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.
WB		Use at an assay dependent concentration. Detects a band of approximately 80 kDa (predicted molecular weight: 68 kDa). Please check the parent abID, ab198394 , for more information on dilutions.

靶标

相关性	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.
细胞定位	Nuclear

图片



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Androgen Receptor (AR-V7 specific) antibody [EPR15656] - Low endotoxin, Azide free (ab209491)

Immunohistochemical analysis of paraffin-embedded Human prostate cancer tissue labeling Androgen Receptor(AR-V7) with **ab198394** at 1/250 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) secondary antibody at 1/500 dilution. Counterstained with Hematoxylin.

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

Nucleus staining on cancer cells of Human prostate cancer (case#:F123132) is observed.

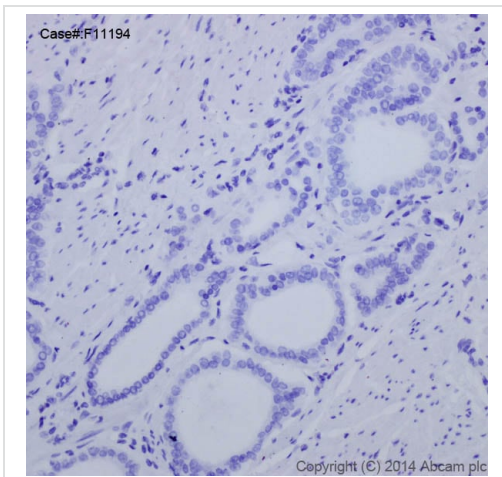
Cancer Res. 2014 Apr 15;74(8):2270-82. PMID:24556717

Cancer Res. 2009 Jan 1;69(1):16-22. PMID:19117982

PLoS One. 2011;6(11):e27970. PMID:22114732

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab198394**).

Heat mediated antigen retrieval was performed with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



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Negative on cancer cells of Human prostate cancer (case#:F11194)

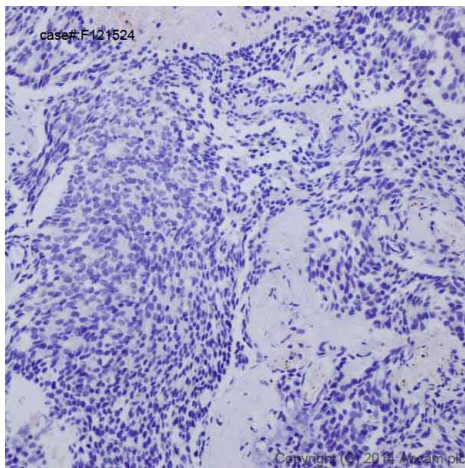
Cancer Res. 2014 Apr 15;74(8):2270-82. PMID:24556717

Cancer Res. 2009 Jan 1;69(1):16-22. PMID:19117982

PLoS One. 2011;6(11):e27970. PMID:22114732

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab198394**).

Heat mediated antigen retrieval was performed with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Androgen Receptor (AR-V7 specific) antibody [EPR15656] - Low endotoxin, Azide free (ab209491)

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Negative on cancer cells of Human prostate cancer (case#:F121524)

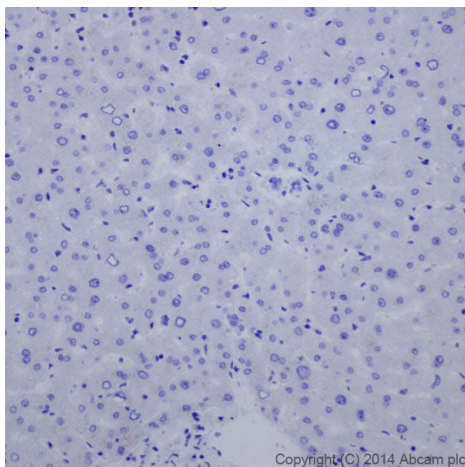
Cancer Res. 2014 Apr 15;74(8):2270-82. PMID:24556717

Cancer Res. 2009 Jan 1;69(1):16-22. PMID:19117982

PLoS One. 2011;6(11):e27970. PMID:22114732

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab198394**).

Heat mediated antigen retrieval was performed with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Androgen Receptor (AR-V7 specific) antibody [EPR15656] - Low endotoxin, Azide free (ab209491)

Immunohistochemical analysis of paraffin-embedded Human liver tissue labeling Androgen Receptor(AR-V7) with **ab198394** at 1/250 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) secondary antibody at 1/500 dilution. Counterstained with Hematoxylin.

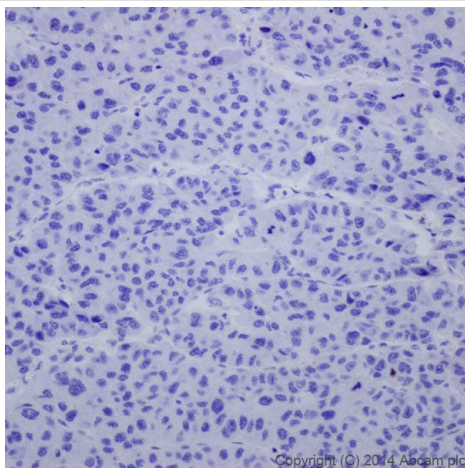
Negative staining on normal Human liver tissue.

Cancer Res. 2014 Apr 15;74(8):2270-82. PMID:24556717

Cancer Res. 2009 Jan 1;69(1):16-22. PMID:19117982

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab198394**).

Heat mediated antigen retrieval was performed with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-Androgen Receptor (AR-V7 specific) antibody [EPR15656] - Low endotoxin, Azide free (ab209491)

Immunohistochemical analysis of paraffin-embedded Human hepatocellular carcinoma tissue labeling AR-V7 with **ab198394** at 1/250 dilution, followed by Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**) secondary antibody at 1/500 dilution. Counterstained with Hematoxylin.

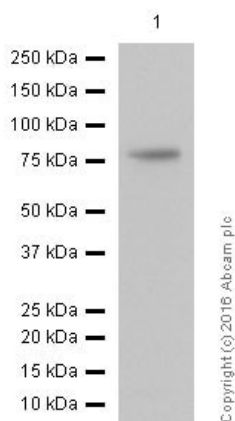
Negative staining on Human hepatocellular carcinoma.

Cancer Res. 2014 Apr 15;74(8):2270-82. PMID:24556717

Cancer Res. 2009 Jan 1;69(1):16-22. PMID:19117982

This data was developed using the same antibody clone in a different buffer formulation containing PBS, BSA, glycerol, and sodium azide (**ab198394**).

Heat mediated antigen retrieval was performed with Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Western blot - Anti-Androgen Receptor (AR-V7 specific) antibody [EPR15656] - Low endotoxin, Azide free (ab209491)

Anti-Androgen Receptor (AR-V7 specific) antibody [EPR15656] - Low endotoxin, Azide free (ab209491) + 22RV1 (Human prostate carcinoma cell line) whole cell lysate at 15 µg

Secondary

Goat Anti-Rabbit IgG H&L (HRP) (**ab97051**)

Predicted band size: 68 kDa

Observed band size: 80 kDa

Exposure time: 15 seconds

Blocking buffer and concentration: 5% NFDM/TBST

Diluting buffer and concentration: 5% NFDM/TBST

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] - Low endotoxin, Azide free (ab209491)

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