

# Product Datasheet

## Androgen R/NR3C4 Antibody (AR441 + DHTR/882) - IHC- Prediluted NBP2-48201

Unit Size: 7 ml

Store at 4C.

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**NBP2-48201****Androgen R/NR3C4 Antibody (AR441 + DHTR/882) - IHC-Prediluted**

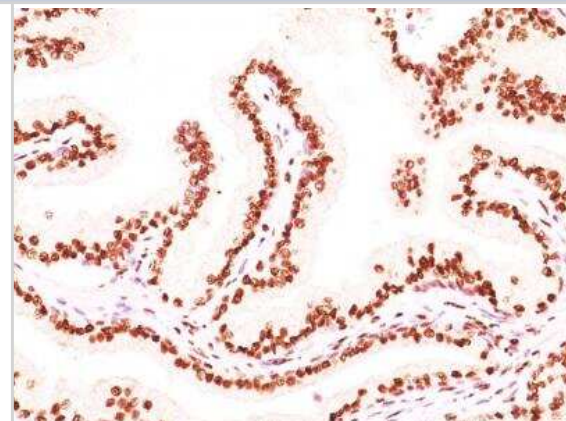
<b>Product Information</b>	
<b>Unit Size</b>	7 ml
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	AR441 + DHTR/882
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1 Kappa/IgG1 Kappa
<b>Purity</b>	Protein A or G purified
<b>Buffer</b>	10 mM PBS with 0.05% BSA
<b>Target Molecular Weight</b>	110 kDa

<b>Product Description</b>	
<b>Description</b>	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining.
<b>Host</b>	Mouse
<b>Gene ID</b>	367
<b>Gene Symbol</b>	AR
<b>Species</b>	Human, Mouse (Negative)
<b>Reactivity Notes</b>	Does not react with Mouse.
<b>Marker</b>	Marker of Androgen Dependence
<b>Specificity/Sensitivity</b>	Recognizes a protein of 110kDa, which is identified as androgen receptor (AR). It reacts with full length, and the newly described A form of the receptor. It does not cross react with estrogen, progesterone, or glucocorticoid receptors. 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 and thus it may be useful in identifying patients likely to benefit from anti-androgen therapy. Anti-androgen receptor has been useful clinically in differentiating morpheaform basal cell carcinoma (mBCC) from desmoplastic trichoepithelioma (DTE) in the skin. This monoclonal antibody is superb for staining of formalin/paraffin tissues.
<b>Immunogen</b>	A synthetic peptide, aa 302-318 of human Androgen R/NR3C4 (Androgen R/NR3C4441); Recombinant human DHTR protein (DHTR/882) (Uniprot: P10275)

<b>Product Application Details</b>	
<b>Applications</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Application Notes</b>	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 minutes at RT. Staining of formalin-fixed tissues requires heating tissue sections in 1mM EDTA buffer, pH 7.5-8.5, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

## Images

Immunohistochemistry-Paraffin: Androgen R/NR3C4 Antibody (AR441 + DHTR/882) - IHC-Prediluted [NBP2-48201] - Formalin-fixed, paraffin-embedded human prostate carcinoma stained with Androgen Receptor Monoclonal Antibody (AR441 + DHTR/882).





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### **Products Related to NBP2-48201**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
H00000367-Q01-10ug	Recombinant Human Androgen R/NR3C4 GST (N-Term) Protein
236-EG-200	EGF [Unconjugated]

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### **Limitations**

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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