

Anti-Androgen Receptor Antibody [AR441 + DHTR/882] (A249056)

Specifications:

Name:	Anti-Androgen Receptor Antibody [AR441 + DHTR/882]
Description:	Mouse monoclonal [AR441 + DHTR/882] antibody to Androgen Receptor.
Specificity:	This antibody 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 MAb is superb for staining of formalin/paraffin tissues.
Applications:	IHC-P
Recommended Dilutions:	IHC-P: 1-2 µg/ml
Reactivity:	Human
Cross Reactivity:	This antibody does not cross react with Mouse.
Immunogen:	Clone AR441: Synthetic peptide corresponding to amino acids 302-318 of human AR. Clone DHTR/882: Recombinant human DHTR protein.
Host:	Mouse
Clonality:	Oligoclonal
Clone ID:	AR441 + DHTR/882
Isotype:	IgG1, kappa + IgG1, kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	200 µg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline with 0.05% BSA and 0.05% Sodium Azide.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.

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Specifications continued:

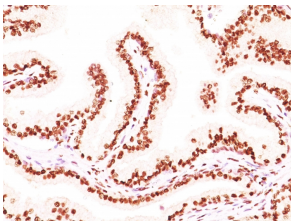
General Notes:

Please note, this product is an oligoclonal antibody; it is a cocktail of monoclonal antibodies that have been carefully selected. Oligoclonal antibodies not only have the specificity and batch-to-batch consistency of a monoclonal antibody, but they also have the advantage of the sensitivity of a polyclonal antibody due to their ability to recognize multiple epitopes on an antigen. This oligoclonal antibody is also available in a different formulation without BSA and Sodium Azide - Anti-Androgen Receptor Antibody [AR441 + DHTR/882] - BSA and Azide free (A252236).

Disclaimer:

This product is for research use only. It is not intended for diagnostic or therapeutic use.

Images:



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human prostate carcinoma using Anti-Androgen Receptor Antibody [AR441 + DHTR/882].