Recombinant Androgen Receptor (Marker of Androgen Dependence) Antibody

Rabbit Monoclonal Antibody [Clone DHTR/4445R]

Catalog No	Format	Size
367-RBM5-P0	Purified Ab with BSA and Azide	200ug/ml
367-RBM5-P1	Purified Ab with BSA and Azide	200ug/ml
367-RBM5-P1ABX	Purified Ab WITHOUT BSA and Azide	1.0mg/ml

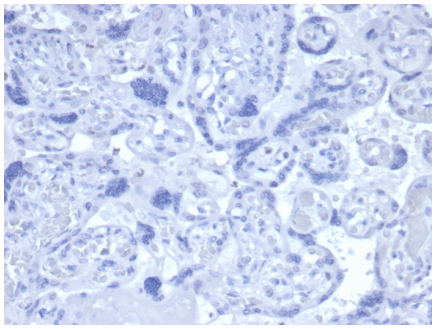
Applications	Tested Dillution
Immunohistochemistry (IHC)	1-2ug/ml

Product Details

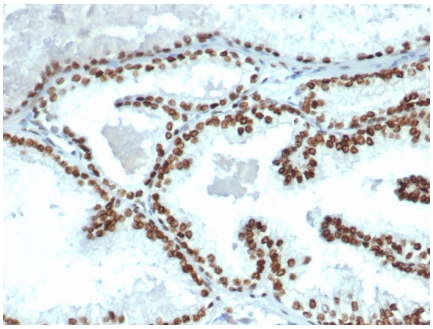
Clone	DHTR/4445R
Gene Name	AR
Immunogen	Synthetic peptide corresponding to residues (within aa1-100) of Androgen Receptor
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	110kDa
Cellular Localization	Cytoplasm, Nucleus
Species Reactivity	Human
Positive Control	Breast, LNCap cells. Human testis, prostate or prostate carcinoma.

**Optimal dilution for a specific application should be determined.*

Product Images for Recombinant Androgen Receptor (Marker of Androgen Dependence) Antibody



Formalin-fixed, paraffin-embedded human placenta stained with Androgen Receptor Recombinant Rabbit Antibody (DHTR/4445R). Negative tissue control. PBS used instead of 1°C Ab. HIER and all other steps of protocol identical.



Formalin-fixed, paraffin-embedded human prostate carcinoma stained with Androgen Receptor Recombinant Rabbit Antibody (DHTR/4445R). HIER: Tris/EDTA pH9.0; 95°C/45min. 1°CAb: 2ug/ml in PBS:30min. 2°CAb: HRP-Poly:30min. DAB:5min.

Specificity & Comments

Androgen Receptor is a member of the superfamily of ligand responsive transcription regulators. The androgen receptor functions in the nucleus where it is believed to act as a transcriptional regulator mediating the action of male sex hormones.The androgen receptor has wide distribution and can be demonstrated by immunohistochemistry in several tissues including prostate, skin, and oral mucosa. Androgen receptor has been reported in a diverse range of human tumors including osteosarcoma, and in prostatic carcinoma androgen receptor expression may be of clinical relevance.Androgen Receptor is recommended for the detection of specific antigens of interest in normal and neoplastic tissues, as an adjunct to conventional histopathology using non-immunologic histochemical stains.

Research Areas

AKT Signaling, Signal Transduction, Transcription Factors

Known Applications & Suggested Dilutions

Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT),(Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95 &degC followed by cooling at RT for 20 minutes),Optimal dilution for a specific application should be determined.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 1mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.

There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.