Recombinant Androgen Receptor V7 (Marker of Androgen Dependence) Antibody

Rabbit Monoclonal Antibody [Clone DHTR.V7/9125R]

Catalog No	Format	Size
367-RBM19-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
367-RBM19-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
367-RBM19-P1ABX	Purified Ab WITHOUT BSA and Azide at 1.0mg/ml	100 ug

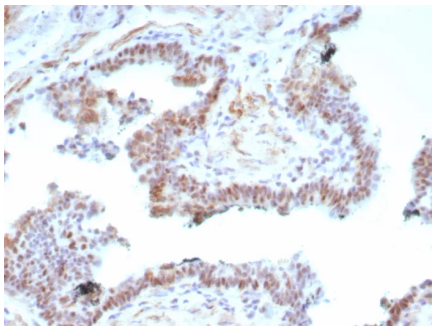
Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

Clone	DHTR.V7/9125R
Gene Name	AR
Immunogen	Recombinant fragment (around aa600-920) of human AR protein (AR-V7 specific) (exact sequence is proprietary)
Host	Rabbit
Clonality	Monoclonal
Isotype / Light Chain	IgG / Kappa
Mol. Weight of Antigen	110kDa
Cellular Localization	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 V7 (Marker of Androgen Dependence) Antibody



Formalin-fixed, paraffin-embedded human prostate carcinoma stained with AR Recombinant Rabbit Monoclonal Antibody (DHTR.V7/9125R). HIER: Tris/EDTA, pH9.0, 95°C/45min. 2°CAb: HRP-Poly:30min. DAB:5min.

Specificity & Comments

AR V7 belongs to the nuclear hormone receptor family. It contains the nuclear receptor DNA binding domain. Steroid hormone receptors are ligand-activated transcription factors that regulate the expression of eukaryotic genes affecting cell proliferation and differentiation in target tissues. The activity of transcription factors is regulated by binding co-activators and co-repressors. This target is a splice variant of the androgen receptor that lacks the C-terminal androgen-binding site. AR-V7 plays an important role in the occurrence, development and drug resistance of prostate cancer.

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.

Research Areas

AKT Signaling, Signal Transduction, Transcription Factors

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.