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Rev.: 2020-4-13

AR V7
Recombinant Rabbit Monoclonal Antibody
Product Datasheet

Catalog# BX50174
Clone# BP6152

Predicted Molecular Wt: 80kDa
Species Cross-reactivity: Human
Applications: IHC-P
Purity: ProA affinity purified IgG
Form: Liquid
Swissprot ID: C0JKD3

Background:

AR V7 belongs to the nuclear hormone receptor family. It 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.

Subcellular location:

Nucleus

Recommended method:

Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes.

Immunogen:

Synthetic peptide (the amino acid sequence is considered to be commercially sensitive) within Human Androgen Receptor(AR-V7 specific) aa 600 to the C-terminus.

Storage Buffer:

PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.

Storage conditions:

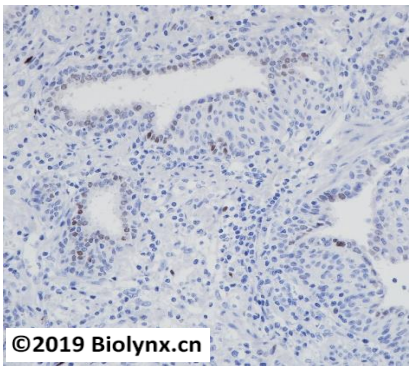
-20°C

Storage instructions:

Shipped on blue ice. Upon delivery, aliquot, and store at -20°C. Avoid freeze / thaw cycles.

Recommended Dilutions:

IHC-P: 1:100-1:200



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) analysis of prostate adenocarcinoma tissue labelling AR V7 with BP6152. Heat mediated antigen retrieval was performed using Tris/EDTA buffer pH 9.0

Background References:

1. Chen W et al. J Cell Biochem 120:14055-14064 (2019).

2. Honda M et al. Prostate 79:1043-1052 (2019).

Product QC'd by:

For research use only. Not for use in diagnostic or therapeutic applications.