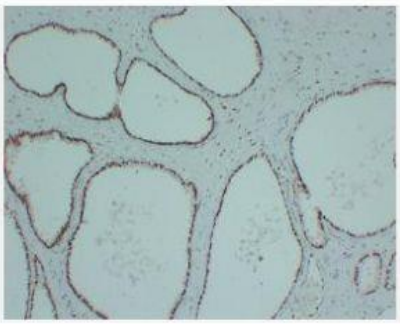
PRODUCT DATA SHEET

Androgen Receptor(AR) (ABT-AR) mouse mAb

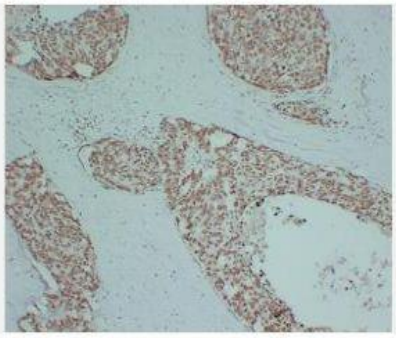
Catalog No.	IML0070
Reactivity	Human; Mouse
Applications	IHC-p; IF(paraffin section)
Gene Name	AR DHTR NR3C4
Protein Name	Androgen receptor (Dihydrotestosterone receptor) (Nuclear receptor subfamily 3 group C member 4)
Human Gene Id	367
Swiss-Prot	P10275
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse:IgG2b, Kappa
Dilution	IHC-p: 1:100-1:200 IF: 1:50-1:200
Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using specific immunogen.
Concentration	1.9mg:mL
Storage&Stability	-20°C:1 year
Background	The androgen receptor gene is more than 90 kb long and codes for a protein that has 3 major functional domains: the N-terminal domain, DNA-binding domain, and androgen-binding domain. The protein functions as a steroid-hormone activated transcription factor. Upon binding the hormone ligand, the receptor dissociates from accessory proteins, translocates into the nucleus, dimerizes, and then stimulates transcription of androgen responsive genes. This gene contains 2 polymorphic trinucleotide repeat segments that encode polyglutamine and polyglycine tracts in the N-terminal transactivation domain of its protein. Expansion of the polyglutamine tract from the normal 9-34 repeats to the pathogenic 38-62 repeats causes spinal bulbar muscular atrophy (Kennedy disease). Mutations in this gene are also associated with complete androgen insensitivity (CAIS). Two alternatively spliced variants encoding distinct isoform.
Subcellular Location	Nuclear
BiowMW	-

Products Images:

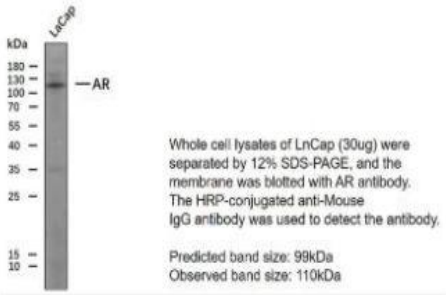
PRODUCT DATA SHEET



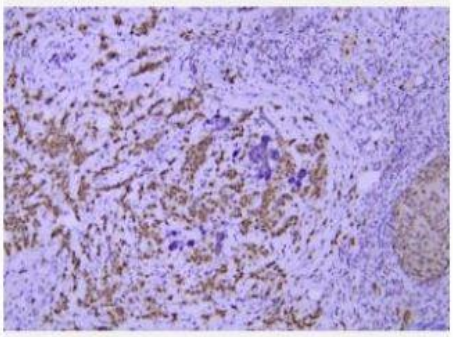
Immunohistochemical analysis of paraffin-embedded Prostate. 1, Antibody was diluted at 1:200(4° overnight). 2, TRIS-EDTA of pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



Immunohistochemical analysis of paraffin-embedded Prostatic carcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, TRIS-EDTA of pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



Western blot analysis of Androgen Receptor(AR)Antibody at 1:1000 dilution.



Immunohistochemical analysis of paraffin-embedded human mammary cancer Antibody was diluted at 1:200(4° overnight).