

Androgen receptor monoclonal antibody

Catalog: MB21299

Host: Mouse

Reactivity: Human

BackGround:

The androgen receptor (AR), also known as NR3C4 (nuclear receptor subfamily 3, group C, member 4), is a type of nuclear receptor which is activated by binding of either of the androgenic hormones testosterone or dihydrotestosterone in the cytoplasm and then translocating into the nucleus. The androgen receptor is most closely related to the progesterone receptor, and progestins in higher dosages can block the androgen receptor. The main function of the androgen receptor is as a DNA binding transcription factor which regulates gene expression; however, the androgen receptor has other functions as well. Androgen regulated genes are critical for the development and maintenance of the male sexual phenotype.

Product:

Purified antibody in PBS with 0.05% sodium azide.

Molecular Weight:

110kDa

Swiss-Prot:

P10275

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000

Storage&Stability:

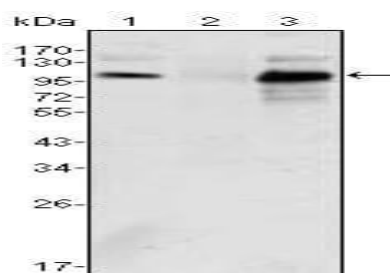
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

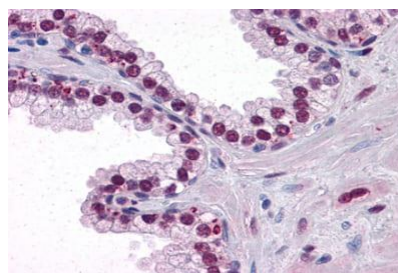
Isotype:

Mouse IgG1

DATA:



Western blot analysis using Androgen receptor mouse mAb against K562 (1), Jurkat (2) and LNCaP (3) cell lysate.



Immunohistochemical analysis of paraffin-embedded human Prostate tissues using Androgen receptor mouse mAb

Note:

For research use only, not for use in diagnostic procedure.

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