

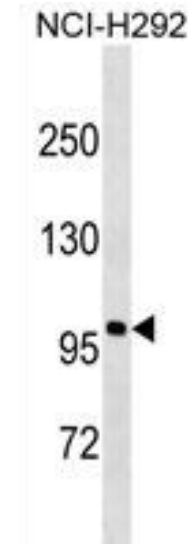
Androgen Receptor Antibody (Clone 549CT16.1.4)

ALTERNATE NAMES:	AR; DHTR; NR3C4; Androgen receptor; Dihydrotestosterone receptor; Nuclear receptor subfamily 3 group C member 4
CATALOG #:	6711-100
AMOUNT:	100 µl
HOST/ISOTYPE:	Mouse IgA
IMMUNOGEN:	Purified His-tagged Androgen Receptor Protein (Fragment) was used to produce this monoclonal antibody.
PURIFICATION:	This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
MOLECULAR WEIGHT:	~98.99 kDa
FORM:	Liquid
FORMULATION:	Supplied in PBS with 0.09% (W/V) sodium azide.
SPECIES REACTIVITY:	Human.
STORAGE CONDITIONS:	Maintain refrigerated at 2-8°C for up to 6 months. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

DESCRIPTION: Androgens exhibit a wide range of effects on the development, maintenance and regulation of male phenotype and reproductive physiology in males. The androgen receptor (AR) is a member of the steroid superfamily of ligand-dependent transcription factors. ARs bind active testosterone (T) and dihydrotestosterone (DHT). The rates of association and dissociation of T are about 3 times more rapid than those of DHT. This difference in binding kinetics may account for the different physiological effects of T and DHT. Androgen binding results in an at least 6-fold increase in androgen receptor stability.

APPLICATION: Western blot: ~1:100 – 1:250

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



ANDR (Cat # 6711-100) western blot analysis in NCI-H292 cell line lysates (35 µg/lane). This demonstrates the AR antibody detected the AR protein (arrow).

RELATED PRODUCTS:

- Androgen Receptor Antibody (Cat. No. 6710-100)

FOR RESEARCH USE ONLY! Not to be used on humans.