

Mouse Monoclonal Antibody to Androgen receptor

Catalogue Number	sAP-0360
Target Molecule	Name: Androgen receptor Aliases: NR3C4; KD; AIS; SMAX1; HUMARA; AR MW: 110kDa Entrez Gene ID: 367
Description	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.
Immunogen	Purified recombinant fragment of human AR expressed in E. Coli.
Recombinant Species	Human
Clone	MM2H8;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Ascitic fluid containing 0.03% sodium azide. ;
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; IHC: 1 to 200 - 1 to 1000
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. Chin Med J (Engl). 2009 Nov 20;122(22):2779-83. ; 2. Taiwan J Obstet Gynecol. 2009 Sep;48(3):262-7. ; 3. Prostate. 2008 Mar 1;68(4):453-61. ; 4. Cancer Res. 2007 May 15;67(10):4630-7.

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**