antibodies - online.com







anti-Androgen Receptor antibody

Images



Publications



Overview

Quantity:	100 μL
Target:	Androgen Receptor (AR)
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This Androgen Receptor antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Purified recombinant fragment of human AR expressed in E. coli.
Clone:	2H8
Isotype:	lgG1
Purification:	purified

Target Details

l arget:	Androgen Receptor (AR)
Alternative Name:	Androgen receptor (AR Products)
Background:	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.

Aliases: NR3C4, KD, AIS, SMAX1, HUMARA, AR

Molecular Weight: 110 kDa

Gene ID: 367

HGNC: 367

Nuclear Receptor Transcription Pathway, Intracellular Steroid Hormone Receptor Signaling Pathway, Steroid Hormone Mediated Signaling Pathway, Regulation of Intracellular Steroid Hormone Receptor Signaling, Nuclear Hormone Receptor Binding, Chromatin Binding

Application Details

 Application Notes:
 ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: 1:200 - 1:1000

 Restrictions:
 For Research Use only

Handling

Pathways:

Format:

Buffer:

Ascitic fluid containing 0.03 % sodium azide.

Preservative:

Sodium azide

Precaution of Use:

This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage:

4 °C/-20 °C

Storage Comment:

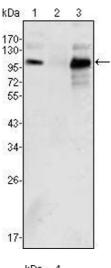
4°C, -20°C for long term storage

Publications

Product cited in: Nayernia, Adham, Burkhardt-Göttges, Neesen, Rieche, Wolf, Sancken, Kleene, Engel: "

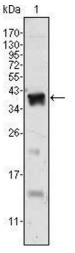
Asthenozoospermia in mice with targeted deletion of the sperm mitochondrion-associated cysteine-rich protein (Smcp) gene." in: **Molecular and cellular biology**, Vol. 22, Issue 9, pp. 3046-52, (2002) (PubMed).

Images



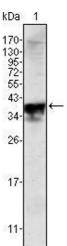
Western Blotting

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



Western Blotting

Image 2. Western blot analysis using Androgen receptor mAb against human Androgen receptor (AA: 221-321) recombinant protein. (Expected MW is 40 kDa)



Western Blotting

Image 3. Western blot analysis using Androgen receptor mouse mAb against Androgen receptor (aa221-321)-hlgGFc transfected HEK293 cell lysate.

Please check the product details page for more images. Overall 5 images are available for ABIN1724724.