

Mouse Monoclonal Antibody to AR

Order Information

Catalog#	20273	
Size/Concentration	100µl	50µl
Price(¥)	2180	1280

Description

AR: androgen receptor. 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 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 isoforms have been described.

Specification

Aliases :	KD; AIS; TFM; DHTR; SBMA
Entrez GeneID :	367
Swissprot :	P10275
clone :	1A9D12
Host/Isotype :	Mouse IgG1
Storage :	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Species Reactivity :	Human
Immunogen :	Purified recombinant fragment of AR (aa689-919) expressed in E. Coli.
Formulation :	Ascitic fluid containing 0.03% sodium azide.

Application

ELISA	1/10000
-------	---------

References

1. Cancer Res. 2006 Nov 15;66(22):11077-83.
2. Mol Cell Biol. 2007 Oct;27(20):7125-42.

Call 1-510-860-4615
+86-19375157864
Email Info@ProMab.com
Web www.ProMab.com
www.ProMab.cn

Protocol

WB - www.promab.com/protocol/wb.html
IHC - www.promab.com/protocol/ihc.html
ICC - www.promab.com/protocol/icc.html
HCM - www.promab.com/protocol/hcm.html
Antigen Sequence is available upon request.

Products and Services

- Mouse Monoclonal Antibody
- Rat Monoclonal Antibody
- Human Antibody
- Hybridoma Sequencing
- Polyclonal Antibody

For Research Only

Application Key: WB - Western Blot | IHC - Immunohistochemistry | ICC - Immunocytochemistry | FCM - Flow Cytometry | ELISA - Enzyme-linked Immunosorbent Assay | IP - Immunoprecipitation

#20273