

FUJIFILM**Wako**Code No. 011-27131 (10 μ L)
017-27133 (50 μ L)**Anti Human ARaiv1, Rat Monoclonal
Antibody (ARA1-1-7H4)**
抗ヒトARaiv1, ラットモノクローナル抗体
(ARA1-1-7H4)**Background**

Androgen Receptor (AR) is a nuclear receptors of the steroid hormone, androgen. AR is consisted of four domains, N-terminal transactivation domain (NTD), a central DNA-binding domain (DBD), a hinge region, and a C-terminal ligand-binding domain (LBD). AR has some splicing variants lacking LBD, such as AR-V1, AR-V2, AR-V3, AR-V4, AR-V5, AR-V6, AR-V7¹⁾. AR-V7 is called ARaiv1, and is highly expressed in androgen independent prostate cancer cell line²⁾. This product is an antibody that specifically recognizes ARaiv1, and does not react with wildtype AR²⁾.

Description

[Reactivity]	Reacts with ARaiv1
[Antigen]	CEKFRVGNCKHLKMTRP (C-terminal of ARaiv1)
[Species cross reactivity]	Human Other species have not been tested.
[Clone No.]	ARA1-1-7H4
[Host]	Rat
[Isotype]	IgG1
[Concentration]	Indicated on the label
[Formulation]	PBS

Applications

Immunoprecipitation	1 : 100-250
Western blotting	1 : 100-1,000
ELISA	1 : 100-1,000

Optimal concentration should be determined by each laboratory for each application.

Storage

Store at -20 °C.
Avoid repeated freeze and thaw.

Package

Code No.	Packaging
011-27131	10 μ L
017-27133	50 μ L

References

- 1) Hu, R., *et al.* : *Cancer Res.*, **69**, 1, 16 (2009).
- 2) Watanabe, T., US 20120283120.

FUJIFILM Wako Pure Chemical Corporation

1-2, Doshomachi 3-Chome, Chuo-Ku, Osaka 540-8605, Japan
Telephone : + 81-6-6203-3741
Facsimile : + 81-6-6201-5964
<http://www.wako-chem.co.jp>

FUJIFILM Wako Chemicals U.S.A. Corporation

1600 Bellwood Road
Richmond, VA 23237
U.S.A.
Telephone : + 1-804-271-7677
Facsimile : + 1-804-271-7791
<http://www.wakousa.com>

FUJIFILM Wako Chemicals Europe GmbH

Fuggerstrasse 12
D-41468 Neuss
Germany
Telephone : + 49-2131-311-0
Facsimile : + 49-2131-311100
<http://www.wako-chemicals.de>