

Datasheet for ABIN7193400  
**anti-TR4 antibody (AA 62-356)**[Go to Product page](#)

## 4 Images

## Overview

Quantity:	0.1 mg
Target:	TR4 (NR2C2)
Binding Specificity:	AA 62-356
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

## Product Details

Immunogen:	Purified recombinant fragment of human NR2C2 (AA: 62-356) expressed in E. coli.
Clone:	8F2E8
Isotype:	IgG1
Purification:	purified

## Target Details

Target:	TR4 (NR2C2)
Alternative Name:	NR2C2 ( <a href="#">NR2C2 Products</a> )
Background:	Description: This gene encodes a protein that belongs to the nuclear hormone receptor family. Members of this family act as ligand-activated transcription factors and function in many biological processes such as development, cellular differentiation and homeostasis. The activated receptor/ligand complex is translocated to the nucleus where it binds to hormone

## Target Details

response elements of target genes. The protein encoded by this gene plays a role in protecting cells from oxidative stress and damage induced by ionizing radiation. The lack of a similar gene in mouse results in growth retardation, severe spinal curvature, subfertility, premature aging, and prostatic intraepithelial neoplasia (PIN) development. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Apr 2014]

Aliases: TR4, TAK1

Molecular Weight: 65.4 kDa

Gene ID: 7182

Pathways: [TCR Signaling](#), [Nuclear Receptor Transcription Pathway](#), [Steroid Hormone Mediated Signaling Pathway](#), [Regulation of Leukocyte Mediated Immunity](#), [Positive Regulation of Immune Effector Process](#), [Production of Molecular Mediator of Immune Response](#), [Tube Formation](#), [Toll-Like Receptors Cascades](#)

## Application Details

Application Notes: WB:1:500 - 1:2000, FCM:1:200 - 1:400, ELISA:1:10000,

Restrictions: For Research Use only

## Handling

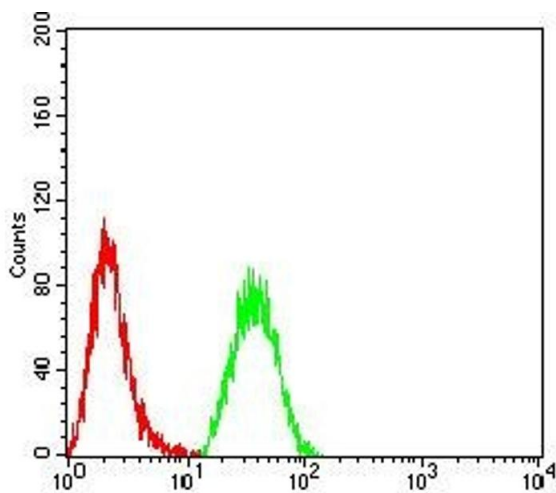
Buffer: Purified antibody in PBS with 0.05 % sodium azide

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

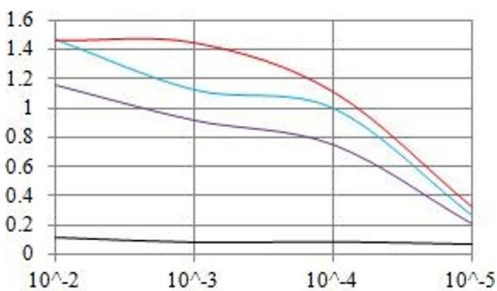
Storage Comment: 4°C, -20°C for long term storage



Flow Cytometry

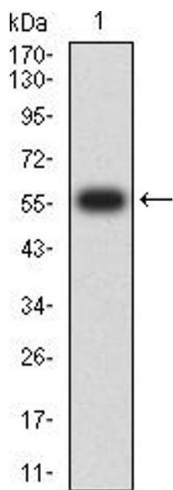
**Image 1.** Flow cytometric analysis of Hela cells using NR2C2 mouse mAb (green) and negative control (red).

O.D. ELISA Result



Serial Dilutions of Antibody

— Control Antigen = 100ng — Antigen = 10ng  
— Antigen = 50ng — Antigen = 100ng



ELISA

**Image 2.** Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)

Western Blotting

**Image 3.** Western blot analysis using NR2C2 mAb against human NR2C2 (AA: 62-356) recombinant protein. (Expected MW is 57.8 kDa)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN7193400.