

Datasheet: VMA00214

Description:	MOUSE ANTI NR2C2
Specificity:	NR2C2
Format:	Purified
Product Type:	PrecisionAb Monoclonal
Clone:	OT11E1
Isotype:	IgG2a
Quantity:	100 µl

Product Details

Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit www.bio-rad-antibodies.com/protocols.

	Yes	No	Not Determined	Suggested Dilution
Western Blotting	▪			1/1000

The PrecisionAb label is reserved for antibodies that meet the defined performance criteria within Bio-Rad's ongoing antibody validation programme. Click [here](#) to learn how we validate our PrecisionAb range. Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Further optimization may be required dependent on sample type.

Target Species

Human

Species Cross Reactivity

Reacts with: Mouse, Rat

N.B. Antibody reactivity and working conditions may vary between species. Cross reactivity is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information.

Product Form

Purified IgG - liquid

Preparation

Mouse monoclonal antibody purified by affinity chromatography from ascites

Buffer Solution

Phosphate buffered saline

Preservative Stabilisers

0.09% Sodium Azide (NaN₃)
1% Bovine Serum Albumin

50% Glycerol

Immunogen Recombinant protein corresponding to amino acids 1-241 of human NR2C2 (NP_003289) produced in *E. coli*

External Database Links

UniProt:

[P49116](#) [Related reagents](#)

Entrez Gene:

[7182](#) NR2C2 [Related reagents](#)

Synonyms TAK1, TR4

Specificity **Mouse anti Human NR2C2 antibody, clone OT11E1** recognizes the nuclear receptor subfamily 2 group C member 2, also known as nuclear hormone receptor TR4, nuclear receptor subfamily 2 group C member 2, orphan nuclear receptor TAK1, orphan nuclear receptor TR4 and testicular nuclear receptor 4.

Members of the nuclear hormone receptor family, such as NR2C2, act as ligand-activated transcription factors. The proteins have an N-terminal transactivation domain, a central DNA-binding domain with 2 zinc fingers, and a ligand-binding domain at the C terminus. The activated receptor/ligand complex is translocated to the nucleus where it binds to hormone response elements of target genes ([Yoshikawa et al. 1996](#)).

Mouse anti Human NR2C2 antibody, clone OT11E1 detects a band of 67 kDa. The antibody has been extensively validated for western blotting using whole cell lysates.

Western Blotting Anti NR2C2 detects a band of approximately 67 kDa in Jurkat cell lysates

Storage Store undiluted at -20°C, avoiding repeated freeze thaw cycles.

Guarantee 12 months from date of despatch

Acknowledgements PrecisionAb is a trademark of Bio-Rad Laboratories.

Health And Safety Information Material Safety Datasheet documentation #10048 available at: Antibody (10048): <https://www.bio-rad-antibodies.com/uploads/MSDS/10048.pdf>

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

Goat Anti Mouse IgG (H/L) (STAR207...) [HRP](#)

Recommended Negative Controls

[MOUSE IgG2a NEGATIVE CONTROL \(MCA929\)](#)

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batch/lot specific datasheet for this product, please use our online search tool at: bio-rad-antibodies.com/datasheets

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