

DATASHEET

NR2C2 Mouse Monoclonal Antibody(C3794)

CAT. NO. AMA03406

KEY FEATURES

Target	NR2C2	Source / Host	Mouse
Reactivity	Human, Mouse, Rat	Clonality	Monoclonal
Applications	WB	Conjugation	Unconjugated
Form / Buffer	Mouse IgG2b kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.	Storage	at-20°C

BACKGROUND

Orphan nuclear receptor that can act as a repressor or activator of transcription. An important repressor of nuclear receptor signaling pathways such as retinoic acid receptor, retinoid X, vitamin D3 receptor, thyroid hormone receptor and estrogen receptor pathways. May regulate gene expression during the late phase of spermatogenesis. Together with NR2C1, forms the core of the DRED (direct repeat erythroid-definitive) complex that represses embryonic and fetal globin transcription including that of GATA1. Binds to hormone response elements (HREs) consisting of two 5'-AGGTCA-3' half site direct repeat consensus sequences. Plays a fundamental role in early embryonic development and embryonic stem cells. Required for normal spermatogenesis and cerebellum development.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

WB	1:500 - 1:1000
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

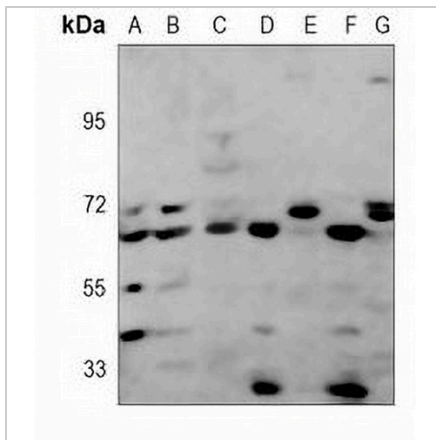
Description	Mouse monoclonal antibody to NR2C2
Specificity	Recognizes endogenous levels of NR2C2 protein.
Antibody Type	Primary antibody
Immunogen	KLH-conjugated synthetic peptide of human NR2C2. The exact sequence is proprietary.
Purification	This antibody is purified through a protein G column.
Molecular Weight	Predicted: 65 kD; Observed: 65 kD
Form/Buffer	Mouse IgG2b kappa. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Alternative Names	TAK1; TR4; Nuclear receptor subfamily 2 group C member 2; Orphan nuclear receptor TAK1; Orphan nuclear receptor TR4; Testicular receptor 4
Gene Symbol	NR2C2
Entrez Gene	7182(Human); 22026(Mouse); 50659(Rat)
SwissProt	P49116(Human); P49117(Mouse); P55094(Rat)

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Western blot analysis of NR2C2 expression in PC3 (A), Jurkat (B), MoLT4 (C), F9 (D), NIH3T3 (E), PC12 (F), CHO (G) whole cell lysates. (Predicted band size: 65 kD; Observed band size: 65 kD)

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.