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NR2C2 Antibody (monoclonal) (M01)

Mouse monoclonal antibody raised against a partial recombinant NR2C2.
Catalog # AT3100a

Specification

NR2C2 Antibody (monoclonal) (M01) - Product Information

Application	**WB, IHC**
Primary Accession	P49116
Other Accession	NM_003298
Reactivity	**Human**
Host	**Mouse**
Clonality	**Monoclonal**
Isotype	**IgG1 Kappa**
Calculated MW	**65414**

NR2C2 Antibody (monoclonal) (M01) - Additional Information

Gene ID 7182

Other Names
Nuclear receptor subfamily 2 group C member 2, Orphan nuclear receptor TAK1, Orphan nuclear receptor TR4, Testicular receptor 4, NR2C2, TAK1, TR4

Target/Specificity
NR2C2 (NP_003289, 43 a.a. ~ 152 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.

Dilution
WB~~1:500~1000

Format
Clear, colorless solution in phosphate buffered saline, pH 7.2 .

Storage
Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Precautions
NR2C2 Antibody (monoclonal) (M01) is for research use only and not for use in diagnostic or therapeutic procedures.

NR2C2 Antibody (monoclonal) (M01) - Protocols

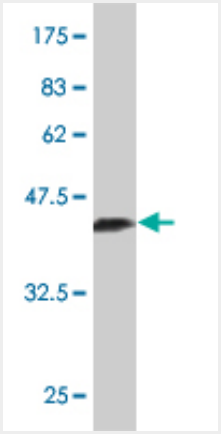
Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot

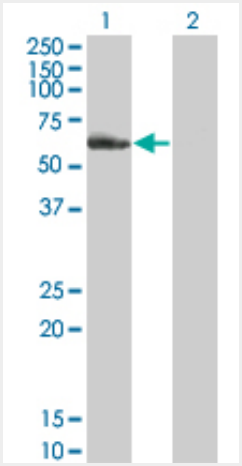
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- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

NR2C2 Antibody (monoclonal) (M01) - Images



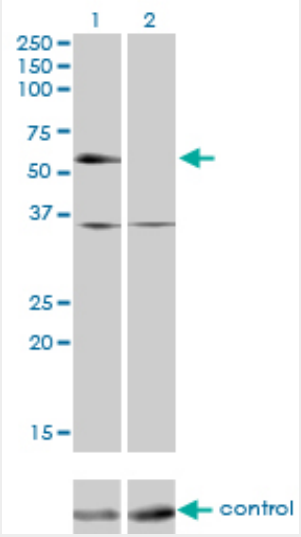
Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.84 KDa) .



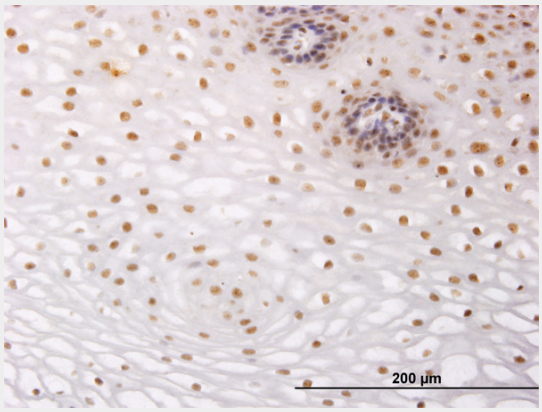
Western Blot analysis of NR2C2 expression in transfected 293T cell line by NR2C2 monoclonal antibody (M01), clone 2A5.

Lane 1: NR2C2 transfected lysate(65.414 KDa).
Lane 2: Non-transfected lysate.

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Western blot analysis of NR2C2 over-expressed 293 cell line, cotransfected with NR2C2 Validated Chimera RNAi ((Cat # AT3100a)



Immunoperoxidase of monoclonal antibody to NR2C2 on formalin-fixed paraffin-embedded human esophagus. [antibody concentration 3 ug/ml]

NR2C2 Antibody (monoclonal) (M01) - Background

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 [PubMed 8661150]).

NR2C2 Antibody (monoclonal) (M01) - References

Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.Constitutive association of TGF-beta-activated kinase 1 with the IkappaB kinase complex in the nucleus and cytoplasm of human neutrophils and its impact on downstream processes. Ear T, et al. J Immunol, 2010 Apr 1. PMID 20200282.NF-kappaB activation in T cells requires discrete control of IkappaB kinase alpha/beta (IKKalpha/beta) phosphorylation and IKKgamma ubiquitination by the ADAP adapter protein. Srivastava R, et al. J Biol Chem, 2010 Apr 9. PMID 20164171.Human T cell lymphotropic virus 1 manipulates interferon regulatory signals by controlling the TAK1-IRF3 and IRF4 pathways. Suzuki S, et al. J Biol Chem, 2010 Feb 12. PMID 19955181.Human testicular orphan receptor 4 enhances thyroid hormone receptor signaling. Huang YH, et al. J Cell Physiol, 2010 Feb. PMID

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