

NR1D1 Antibody (monoclonal) (M02)**Mouse monoclonal antibody raised against a full length recombinant NR1D1.****Catalog # AT3093a****Specification**

NR1D1 Antibody (monoclonal) (M02) - Product Information

Application	IF, WB, IHC, E
Primary Accession	P20393
Other Accession	BC056148
Reactivity	Human, Mouse
Host	mouse
Clonality	Monoclonal
Isotype	IgG1 Kappa
Calculated MW	66805

NR1D1 Antibody (monoclonal) (M02) - Additional Information**Gene ID** 9572**Other Names**

Nuclear receptor subfamily 1 group D member 1, Rev-erbA-alpha, V-erbA-related protein 1, EAR-1, NR1D1, EAR1, HREV, THRAL

Target/Specificity

NR1D1 (AAH56148, 1 a.a. ~ 614 a.a) full-length 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

NR1D1 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

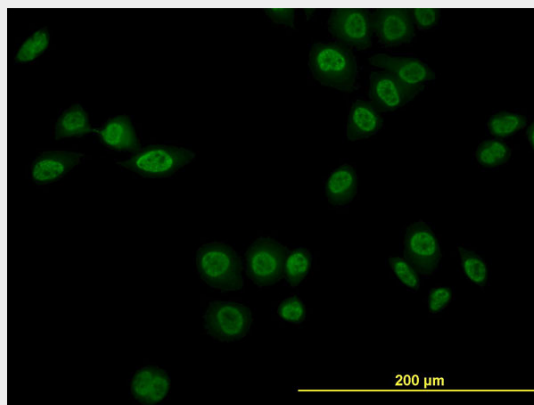
NR1D1 Antibody (monoclonal) (M02) - Protocols

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

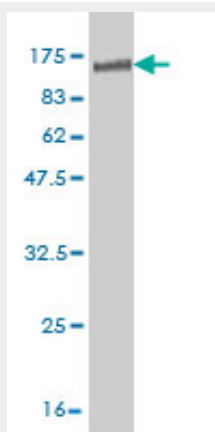
- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)

- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

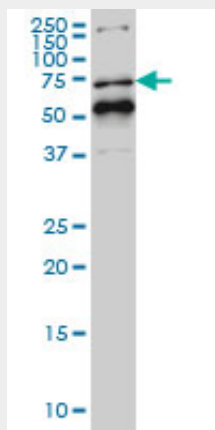
NR1D1 Antibody (monoclonal) (M02) - Images



Immunofluorescence of monoclonal antibody to NR1D1 on HeLa cell. [antibody concentration 10 ug/ml]

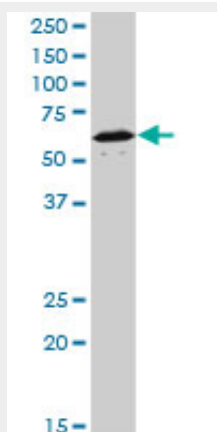


Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (93.28 KDa) .

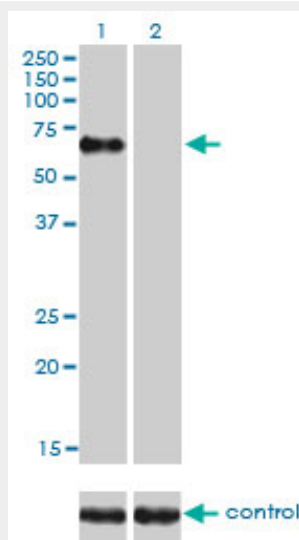


NR1D1 monoclonal antibody (M02), clone 4F6 Western Blot analysis of NR1D1 expression in HeLa

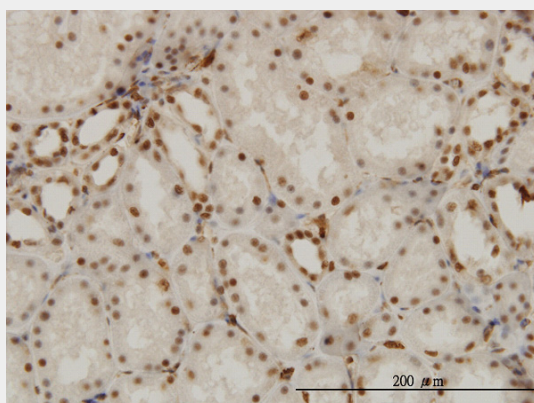
S3 NE ((Cat # AT3093a)



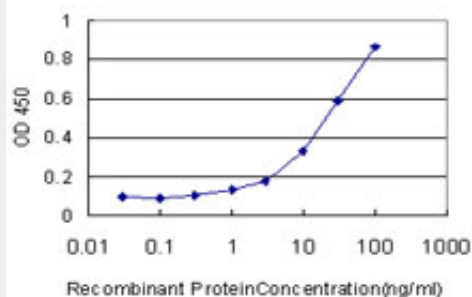
NR1D1 monoclonal antibody (M02), clone 4F6. Western Blot analysis of NR1D1 expression in NIH/3T3 ((Cat # AT3093a)



Western blot analysis of NR1D1 over-expressed 293 cell line, cotransfected with NR1D1 Validated Chimera RNAi ((Cat # AT3093a)



Immunoperoxidase of monoclonal antibody to NR1D1 on formalin-fixed paraffin-embedded human kidney. [antibody concentration 3 ug/ml]



Detection limit for recombinant GST tagged NR1D1 is approximately 1ng/ml as a capture antibody.

NR1D1 Antibody (monoclonal) (M02) - References

1. Clock-controlled output gene Dbp is a regulator of Arnt/Hif-1 α gene expression in pancreatic islet β -cells. Nakabayashi H, Ohta Y, Yamamoto M, Susuki Y, Taguchi A, Tanabe K, Kondo M, Hatanaka M, Nagao Y, Tanizawa Y. *Biochem Biophys Res Commun*. 2013 Apr 6. pii: S0006-291X(13)00548-2. doi: 10.1016/j.bbrc.2013.03.084.

NR1D1 Antibody (monoclonal) (M02) - Citations

- [Increased atherosclerotic lesions in LDL receptor deficient mice with hematopoietic nuclear receptor Rev-erb \$\alpha\$ knock-down.](#)