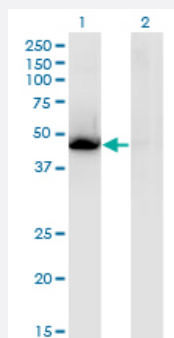


NR1H3 monoclonal antibody (M08), clone 3E9

Catalog # H00010062-M08

Size 100 ug

Applications

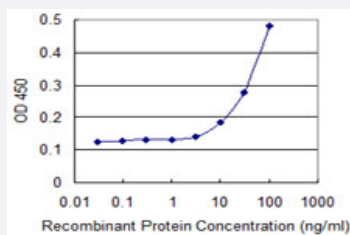


Western Blot (Transfected lysate)

Western Blot analysis of NR1H3 expression in transfected 293T cell line by NR1H3 monoclonal antibody (M08), clone 3E9.

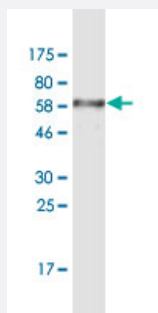
Lane 1: NR1H3 transfected lysate (45.7 KDa).

Lane 2: Non-transfected lysate.



Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NR1H3 is 3 ng/ml as a capture antibody.



Western Blot detection against Immunogen (68.31 KDa) .

Specification

Product Description

Mouse monoclonal antibody raised against a full-length recombinant NR1H3.

Immunogen	NR1H3 (AAH08819, 1 a.a. ~ 387 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MSLWLGA PVPDIPD S AVELWKPGAQDASSQAQGGSSCILREEARMPHSAGGTAGVGLEAAEP TALLTRAEPPEPTEIRPQKRKKGPAKMLGNELCSVCGDKASGFHYNVLSCEGCKGFFRRSVIK GAHYICHSGGHCPMDTYMRRKCQECRLRKCRQAGMREECVLSEEQIRLKKLKRQEEEAHATSL PPRASSPPQILPQLSPEQLGMIEKLVAQQQCNRSSFSDRLRVTVMLETSRRYNPGSESITFLKD FSYNREDFAKAGLQVEFINPIFEFSRAMNELQLNDAEFALLAISIFSADRPNVQDQLQVERLQHTY VEALHAYVSIHHPHDRLMFPRMLMKLVSLRTLSSVHSEQVFALRLQDKKLPLPSEWDVHE
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (94); Rat (94)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (68.31 KDa) .
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of NR1H3 expression in transfected 293T cell line by NR1H3 monoclonal antibody (M08), clone 3E9.

Lane 1: NR1H3 transfected lysate(45.7 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NR1H3 is 3 ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

Gene Info — NR1H3

Entrez GeneID	10062
GeneBank Accession#	BC008819
Protein Accession#	AAH08819
Gene Name	NR1H3
Gene Alias	LXR-a, LXRA, RLD-1
Gene Description	nuclear receptor subfamily 1, group H, member 3
Omim ID	602423
Gene Ontology	Hyperlink
Gene Summary	group H
Other Designations	liver X receptor alpha liver X receptor, alpha liver X receptor-alpha

Publication Reference

- [Knock-down of the oxysterol receptor LXRα impairs cholesterol efflux in human primary macrophages: lack of compensation by LXRβ activation.](#)

Ishibashi M, Filomenko R, Rebe C, Chevriaux A, Varin A, Derangere V, Bessede G, Gambert P, Lagrost L, Masson D.

Biochemical Pharmacology 2013 Jan; 86(1):122.

Application: WB, Human, Human primary macrophages

Pathway

- [PPAR signaling pathway](#)

Disease

- [Cardiovascular Diseases](#)
- [Coronary Artery Disease](#)
- [Diabetes Mellitus](#)

- [Dyslipidemias](#)
- [Edema](#)
- [Gallstones](#)
- [Genetic Predisposition to Disease](#)
- [Hypercholesterolemia](#)
- [Hyperlipidemia](#)
- [Kidney Failure](#)
- [Lymphoma](#)
- [Metabolic Syndrome X](#)
- [Obesity](#)