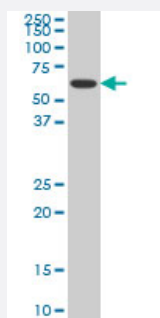


NR1H4 monoclonal antibody (M02), clone 1B10

Catalog # H00009971-M02

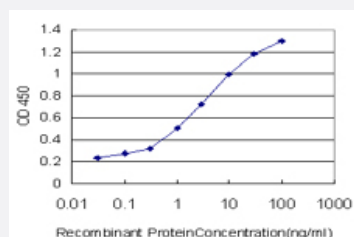
Size 100 ug

Applications



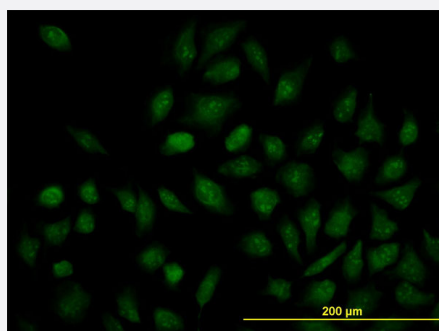
Western Blot (Cell lysate)

NR1H4 monoclonal antibody (M02), clone 1B10 Western Blot analysis of NR1H4 expression in HepG2 (Cat # L019V1).



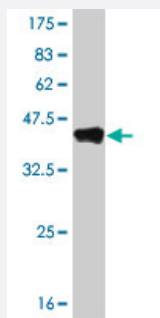
Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NR1H4 is approximately 0.03ng/ml as a capture antibody.



Immunofluorescence

Immunofluorescence of monoclonal antibody to NR1H4 on HeLa cell. [antibody concentration 10 ug/ml]



Western Blot detection against Immunogen (37.84 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant NR1H4.
Immunogen	NR1H4 (NP_005114, 363 a.a. ~ 472 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	TPMFSFYKSIGELKMTQEEYALLTAVILSPDRQYIKDREAVEKLQEPLLDVLQKLCKIHQPENPQHF ACLLGRLTELRTFNHHHAEMLSWRVNDHKFTPLLCEWDVQ
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (93); Rat (91)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (37.84 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 (Cell lysate)

NR1H4 monoclonal antibody (M02), clone 1B10 Western Blot analysis of NR1H4 expression in HepG2 (Cat # L019V1).

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged NR1H4 is approximately 0.03ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

- Immunofluorescence

Immunofluorescence of monoclonal antibody to NR1H4 on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — NR1H4

Entrez GeneID [9971](#)

GeneBank Accession# [NM_005123](#)

Protein Accession# [NP_005114](#)

Gene Name NR1H4

Gene Alias BAR, FXR, HRR-1, HRR1, MGC163445, RIP14

Gene Description nuclear receptor subfamily 1, group H, member 4

Omim ID [603826](#)

Gene Ontology [Hyperlink](#)

Gene Summary group H

Other Designations farnesoid X receptor

Publication Reference

- [Binding of hepatitis B virus to its cellular receptor alters the expression profile of genes of the bile acid metabolism.](#)

Oehler N, Volz T, Bhadra OD, Kah J, Allweiss L, Giersch K, Bierwolf J, Riecken K, Pollok JM, Lohse AW, Fehse B, Petersen J, Urban S, Lutgehetmann M, Heeren J, Dandri M.

Hepatology 2014 Nov; 60(5):1483.

Application: IF, Mouse, Liver

- [Bile salt export pump is dysregulated with altered farnesoid X receptor isoform expression in patients with hepatocellular carcinoma.](#)

Chen Y, Song X, Valanejad L, Vasilenko A, More V, Qiu X, Chen W, Lai Y, Slitt A, Stoner M, Yan B, Deng R.

Hepatology 2013 Apr; 57(4):1530.

Application: WB-Ce, WB-Ti, WB-Tr, Human, Mouse, Huh7, HepG2 cells, Liver

Disease

- [Alzheimer disease](#)
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