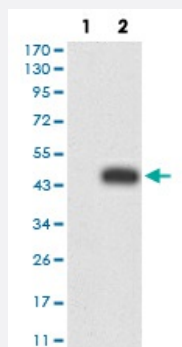


NR1I2 monoclonal antibody, clone 1D12G1

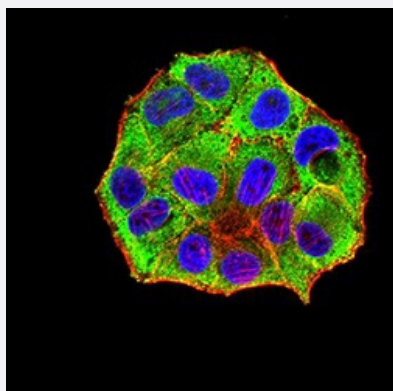
Catalog # MAB17263 Size 100 ug

Applications



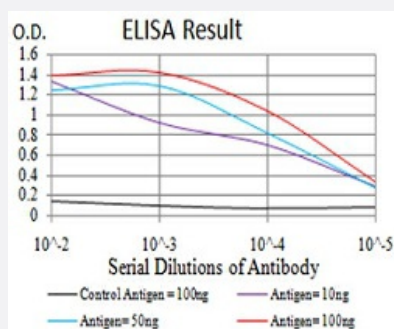
Western Blot (Transfected lysate)

Western Blot analysis of (1) HEK293 cells, (2) NR1I2-hlgGfc transfected HEK293 cell lysate.



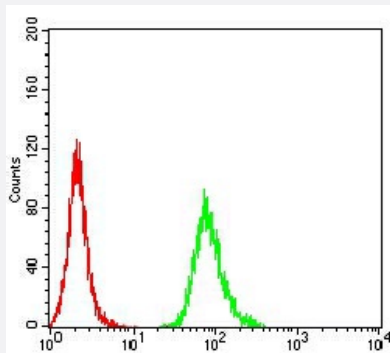
Immunocytochemistry

Immunocytochemical staining of HeLa cells with NR1I2 monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments have been labeled with Alexa Fluor-555 phalloidin (red).



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of NR1I2 monoclonal antibody, clone 1D12G1.



Flow Cytometry

Flow cytometric analysis of HepG2 cells with NR1I2 monoclonal antibody (green) and negative control (red).

Specification

Product Description	Mouse monoclonal antibody raised against recombinant human NR1I2.
Immunogen	Recombinant protein corresponding to amino acid 1-142 of human NR1I2 from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	49.8kDa
Reactivity	Human
Form	Liquid
Isotype	IgG2b
Recommend Usage	ELISA (1:10000) Western Blot (1:500-1:2000) Immunohistochemistry Immunocytochemistry (1:200-1:1000) Flow Cytometry (1:200-1:400) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of (1) HEK293 cells, (2) NR1I2-hlgGFc transfected HEK293 cell lysate.

- Immunocytochemistry

Immunocytochemical staining of HeLa cells with NR1I2 monoclonal antibody (green). DRAQ5 fluorescent DNA dye (blue). Actin filaments have been labeled with Alexa Fluor- 555 phalloidin (red).

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of NR1I2 monoclonal antibody, clone 1D12G1.

- Flow Cytometry

Flow cytometric analysis of HepG2 cells with NR1I2 monoclonal antibody (green) and negative control (red).

Gene Info — NR1I2

Entrez GeneID [8856](#)

Gene Name NR1I2

Gene Alias BXR, ONR1, PAR, PAR1, PAR2, PARq, PRR, PXR, SAR, SXR

Gene Description nuclear receptor subfamily 1, group I, member 2

Omim ID [603065](#)

Gene Ontology [Hyperlink](#)

Gene Summary This gene product belongs to the nuclear receptor superfamily, members of which are transcription factors characterized by a ligand-binding domain and a DNA-binding domain. The encoded protein is a transcriptional regulator of the cytochrome P450 gene CYP3A4, binding to the response element of the CYP3A4 promoter as a heterodimer with the 9-cis retinoic acid receptor RXR. It is activated by a range of compounds that induce CYP3A4, including dexamethasone and rifampicin. Several alternatively spliced transcripts encoding different isoforms, some of which use non-AUG (CUG) translation initiation codon, have been described for this gene. Additional transcript variants exist, however, they have not been fully characterized. [provided by RefSeq]

Other Designations orphan nuclear receptor PXR|steroid and xenobiotic receptor

Disease

- [Anemia](#)

- [Asthma](#)

- [Birth Weight](#)
- [Bone Neoplasms](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Cardiovascular Diseases](#)
- [Cholangitis](#)
- [Cholestasis](#)
- [Colitis](#)
- [Colon cancer](#)
- [Colonic Neoplasms](#)
- [Coronary Artery Disease](#)
- [Crohn Disease](#)
- [Diabetes Mellitus](#)
- [Drug-Induced Liver Injury](#)
- [Edema](#)
- [Epilepsy](#)
- [Fatty Liver](#)
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- [Head and Neck Neoplasms](#)
- [Hearing Loss](#)
- [HIV Infections](#)
- [Inflammatory Bowel Diseases](#)
- [Kidney Failure](#)
- [Leukemia](#)
- [Leukopenia](#)

- [Liver Cirrhosis](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)
- [Lymphatic Metastasis](#)
- [Myocardial Infarction](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Neutropenia](#)
- [Osteoporosis](#)
- [Pregnancy Complications](#)
- [Recurrence](#)
- [Respiratory Tract Neoplasms](#)
- [Tobacco Use Disorder](#)