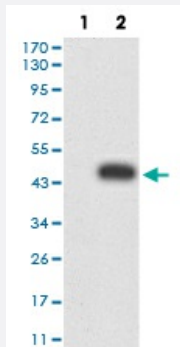


NR1I2 monoclonal antibody, clone 6H11D8

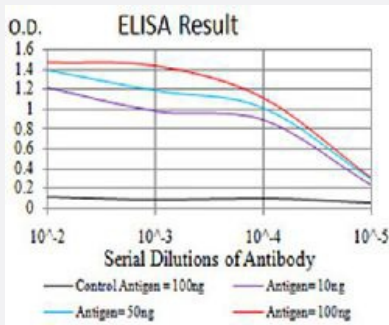
Catalog # MAB17828 Size 100 ug

Applications



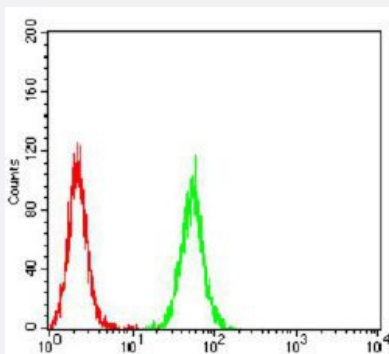
Western Blot (Transfected lysate)

Western blot analysis of (1) HEK293 cells, (2) NR1I2-hlgFc transfected HEK293 cell lysate with NR1I2 monoclonal antibody.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of NR1I2 monoclonal antibody, clone 6H11D8.



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 acids 1-142 of human NR1I2 from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	9.8
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry (1:200-1:400) Immunocytochemistry Immunohistochemistry Western Blot (1:500-1:2000) 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 with NR1I2 monoclonal antibody.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of NR1I2 monoclonal antibody, clone 6H11D8.

- 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](#)
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- [Respiratory Tract Neoplasms](#)
- [Tobacco Use Disorder](#)