

Datasheet for ABIN5542364
anti-NR1I2 antibody (AA 1-142)

5 Images

[Go to Product page](#)

Overview

Quantity:	0.1 mg
Target:	NR1I2
Binding Specificity:	AA 1-142
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This NR1I2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Immunogen:	Purified recombinant fragment of human NR1I2 (AA: 1-142) expressed in E. coli.
Clone:	1D12G1
Isotype:	IgG2b
Purification:	purified

Target Details

Target:	NR1I2
Alternative Name:	NR1I2 (NR1I2 Products)
Background:	Description: This gene product belongs to the nuclear receptor superfamily, members of which

Target Details

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.,

Aliases: BXR, PAR, PRR, PXR, SAR, SXR, ONR1, PAR1, PAR2, PARq

Molecular Weight:	49.8 kDa
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Gene ID:	8856
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HGNC:	51529
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Pathways:	Nuclear Receptor Transcription Pathway , Steroid Hormone Mediated Signaling Pathway
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Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, IHC: , ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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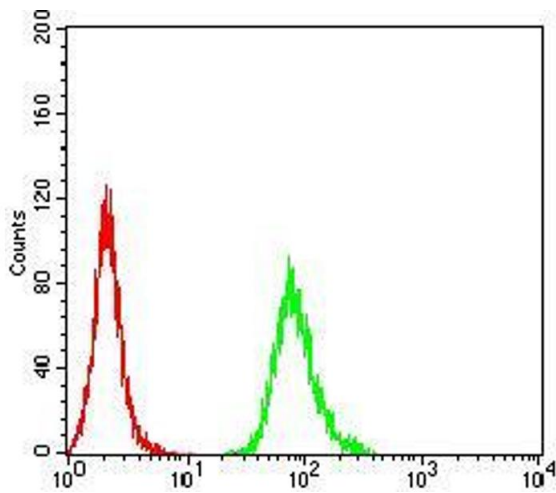
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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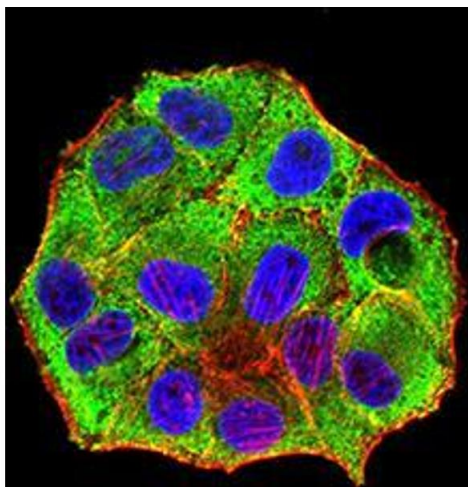
Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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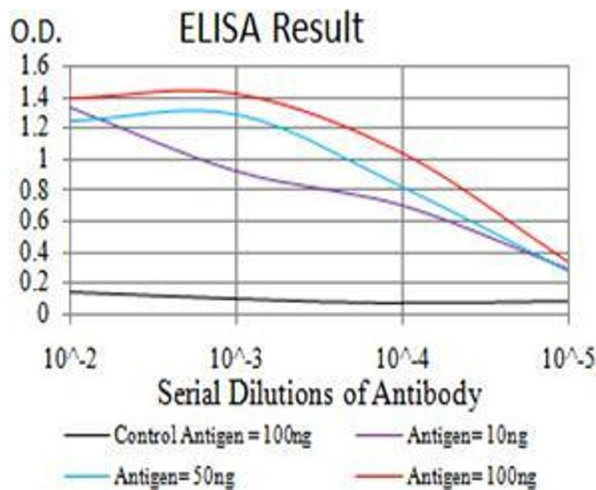
Flow Cytometry

Image 1. Flow cytometric analysis of HepG2 cells using NR112 mouse mAb (green) and negative control (red).



Immunocytochemistry

Image 2. Immunofluorescence analysis of Hela cells using NR112 mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher



ELISA

Image 3. Black line: Control Antigen (100 ng);Purple line: Antigen (10ng); Blue line: Antigen (50 ng); Red line:Antigen (100 ng)

Please check the [product details page](#) for more images. Overall 5 images are available for ABIN5542364.