

Nur für Forschungszwecke

# PXR Monoklonaler Antikörper

Katalog-Nr.: 67912-1-Ig **4 Publikationen**



## Allgemeine Informationen

<b>Katalog-Nr.:</b> 67912-1-Ig	<b>GenBank-Zugangsnummer:</b> BC017304	<b>Reinigungsmethode:</b> Protein-G-Reinigung
<b>Größe:</b> 150ul, Konzentration: 1000 µg/ml von 8856 Nanodrop;	<b>GeneID (NCBI):</b> 8856	<b>CloneNo.:</b> 1G3A7
<b>Wirt:</b> Maus	<b>Vollständiger Name:</b> nuclear receptor subfamily 1, group I, member 2	<b>Empfohlene Verdünnungen:</b> WB 1:5000-1:50000
<b>Isotyp:</b> IgG1	<b>Berechnete Masse:</b> 50 kDa	
<b>Immunogen Katalognummer:</b> AG7991	<b>Beobachtete Masse:</b> 50 kDa	

## Anwendungen

<b>Geprüfte Anwendungen:</b> FC (Intra), WB, ELISA	<b>Positivkontrollen:</b> WB: Rattenlebergewebe, COLO 320-Zellen, Mauslebergewebe, MCF-7-Zellen
<b>In Publikationen genannte Anwendungen:</b> IF, IP, WB	
<b>Getestete Reaktivität:</b> Human, Maus, Ratte	
<b>Zitierte Arten:</b> Human, Maus	

## Hintergrundinformationen

Pregnane X receptor (PXR; NR1I2), a member of the nuclear receptor superfamily, plays a key role in the induction of genes involved in drug transport and metabolism. It modulates drug transport and metabolism through the regulation of target genes responsible for the transport and conversion of chemicals into metabolites that are more easily eliminated from the body [PMID: 22609277]. It is also emerging as an endobiotic receptor that regulates the inflammatory response. In addition, PXR acts as a transcription factor that activates the transcription of multiple genes involved in the metabolism and secretion of potentially harmful xenobiotics, drugs and endogenous compounds [PMID: 19297428].

## Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Xin Shen	34351342	Food Funct	WB
Lingming Zhang	35417848	Phytomedicine	WB,IF,IP
Shen Chen	37069663	Part Fibre Toxicol	WB

## Lagerung

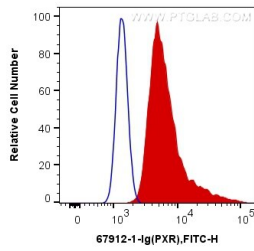
**Lagerungsbedingungen:**  
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil  
**Lagerungspuffer:**  
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.  
Aliquotieren ist nicht notwendig bei -20°C Lagerung

**\*\*\* 20ul-Größen enthalten 0.1% BSA**

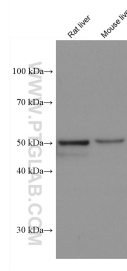
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: proteintech@ptglab.com  
W: ptglab.com

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## Ausgewählte Validierungsdaten



1X10<sup>6</sup> MCF-7 cells were intracellularly stained with 0.2 ug Anti-Human PXR (67912-1-Ig, Clone:1G3A7) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.2 ug Control Antibody. Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).



Various lysates were subjected to SDS PAGE followed by western blot with 67912-1-Ig (PXR antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.