

For Research Use Only

# CYP3A4 Monoclonal antibody

Catalog Number: 67110-1-Ig **3 Publications**



## Basic Information

<b>Catalog Number:</b> 67110-1-Ig	<b>GenBank Accession Number:</b> BC101631	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 2000 µg/ml	<b>GeneID (NCBI):</b> 1576	<b>CloneNo.:</b> 2F11C4
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P08684	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IHC 1:300-1:1200 IF 1:200-1:800
<b>Isotype:</b> IgG1	<b>Full Name:</b> cytochrome P450, family 3, subfamily A, polypeptide 4	
<b>Immunogen Catalog Number:</b> AG13074	<b>Calculated MW:</b> 503 aa, 57 kDa	
	<b>Observed MW:</b> 51-57 kDa	

## Applications

**Tested Applications:**  
IF/ICC, IF-P, IHC, WB, ELISA

**Cited Applications:**  
IF

**Species Specificity:**  
Human, Mouse, Rat, Pig

**Cited Species:**  
human

**Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (\*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0**

**Positive Controls:**

**WB:** mouse liver tissue, pig liver tissue, pig gall bladder tissue, mouse lung tissue, rat liver tissue

**IHC:** mouse liver tissue, human liver cancer tissue

**IF:** mouse liver tissue, rat liver tissue, HepG2 cells

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Rong Li	35507159	Methods Mol Biol	IF
Rong Li	35371477	Biomed Rep	IF
Wenhui Qian	36804823	Acta Biomater	IF

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

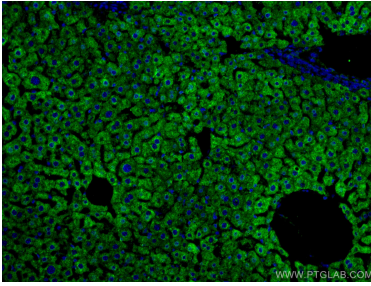
T: 4006900926

E: Proteintech-CN@ptglab.com

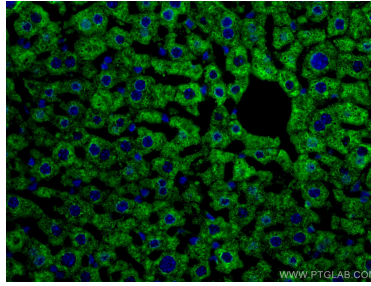
W: ptgcn.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

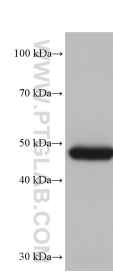
## Selected Validation Data



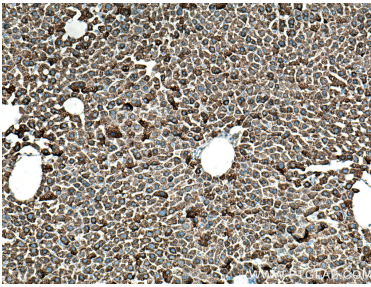
Immunofluorescent analysis of (4% PFA) fixed mouse liver tissue using CYP3A4 antibody (67110-1-Ig, Clone: 2F11C4) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



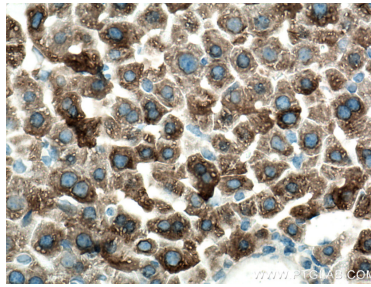
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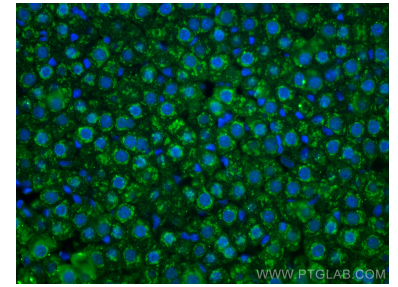
mouse liver tissue were subjected to SDS PAGE followed by western blot with 67110-1-Ig (CYP3A4 antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 67110-1-Ig (CYP3A4 antibody) at dilution of 1:600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse liver tissue slide using 67110-1-Ig (CYP3A4 antibody) at dilution of 1:600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed rat liver tissue using CYP3A4 antibody (67110-1-Ig, Clone: 2F11C4) at dilution of 1:1000 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).