

For Research Use Only

# FMO4 Monoclonal antibody

Catalog Number: 67881-1-Ig



## Basic Information

<b>Catalog Number:</b> 67881-1-Ig	<b>GenBank Accession Number:</b> BC002780	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 150ul , Concentration: 1000 µg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2329	<b>CloneNo.:</b> 2D12E10
<b>Source:</b> Mouse	<b>Full Name:</b> flavin containing monooxygenase 4	<b>Recommended Dilutions:</b> WB 1:5000-1:50000 IF 1:200-1:800
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 63 kDa	
<b>Immunogen Catalog Number:</b> AG7935	<b>Observed MW:</b> 63 kDa	

## Applications

<b>Tested Applications:</b> FC, IF, WB, ELISA	<b>Positive Controls:</b>
<b>Species Specificity:</b> Human, mouse, rat, rabbit, pig	<b>WB :</b> rabbit liver tissue, HuH-7 cells, pig liver tissue, rat liver tissue, mouse liver tissue <b>IF :</b> mouse liver tissue,

## Background Information

### Storage

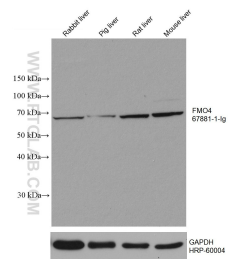
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

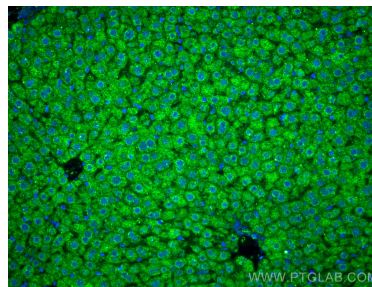
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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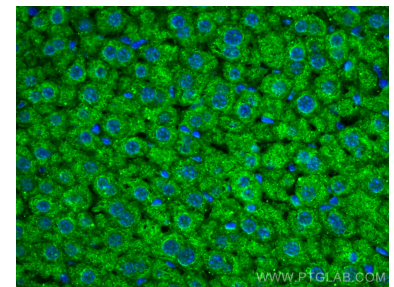
## Selected Validation Data



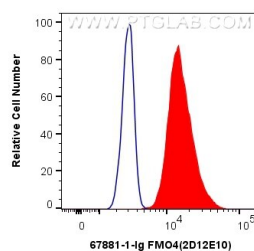
Various lysates were subjected to SDS PAGE followed by western blot with 67881-1-Ig (FMO4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



Immunofluorescent analysis of (4% PFA) fixed mouse liver tissue using FMO4 antibody (67881-1-Ig, Clone: 2D12E10) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Immunofluorescent analysis of (4% PFA) fixed mouse liver tissue using FMO4 antibody (67881-1-Ig, Clone: 2D12E10) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



1X10<sup>6</sup> HuH-7 cells were intracellularly stained with 0.4 ug Anti-Human FMO4 (67881-1-Ig, Clone:2D12E10) and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) at dilution 1:1000 (red), or 0.4 ug Mouse IgG1 Isotype Control (MOPC-21) (65124-1-Ig, Clone: MOPC-21) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).