

For Research Use Only

# FMO4 Monoclonal antibody, PBS Only



Catalog Number: 67881-1-PBS

## Basic Information

<b>Catalog Number:</b> 67881-1-PBS	<b>GenBank Accession Number:</b> BC002780	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ug, Concentration: 1mg/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2329	<b>CloneNo.:</b> 2D12E10
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P31512	
<b>Isotype:</b> IgG1	<b>Full Name:</b> flavin containing monooxygenase 4	
<b>Immunogen Catalog Number:</b> AG7935	<b>Calculated MW:</b> 63 kDa	
	<b>Observed MW:</b> 63 kDa	

## Applications

**Tested Applications:**  
WB, IF-P, Indirect ELISA

**Species Specificity:**  
Human, mouse, rat, rabbit, pig

## Storage

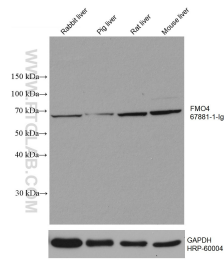
**Storage:**  
Store at -80°C.

**Storage Buffer:**  
PBS Only

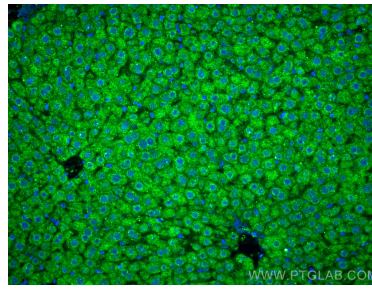
For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
W: ptglab.com

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

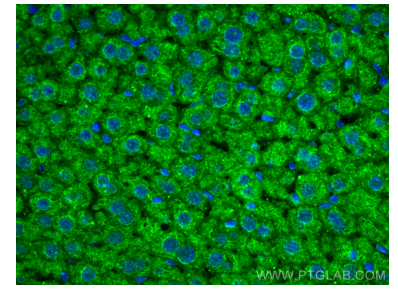
## Selected Validation Data



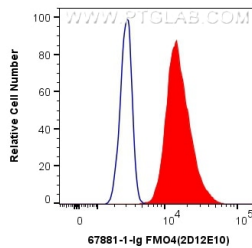
Various lysates were subjected to SDS PAGE followed by western blot with 67881-1-Ig (FMO4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control. This data was developed using the same antibody clone with 67881-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 67881-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 67881-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 67881-1-PBS in a

