

For Research Use Only

# CoraLite® Plus 488-conjugated FMO4 Monoclonal antibody

Catalog Number:CL488-67881



## Basic Information

<b>Catalog Number:</b> CL488-67881	<b>GenBank Accession Number:</b> BC002780	<b>Purification Method:</b> Protein G purification
<b>Size:</b> 100ul , Concentration: 1000 ug/ml by Nanodrop;	<b>GeneID (NCBI):</b> 2329	<b>CloneNo.:</b> 2D12E10
<b>Source:</b> Mouse	<b>UNIPROT ID:</b> P31512	<b>Recommended Dilutions:</b> IF-P 1:50-1:500
<b>Isotype:</b> IgG1	<b>Full Name:</b> flavin containing monooxygenase 4	<b>Excitation/Emission maxima wavelengths:</b> 493 nm / 522 nm
<b>Immunogen Catalog Number:</b> AG7935	<b>Calculated MW:</b> 63 kDa	
	<b>Observed MW:</b> 63 kDa	

## Applications

<b>Tested Applications:</b> IF-P, FC (Intra)	<b>Positive Controls:</b> IF-P : mouse liver tissue,
<b>Species Specificity:</b> Human, mouse, rat, rabbit, pig	

## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.  
Aliquoting is unnecessary for -20°C storage

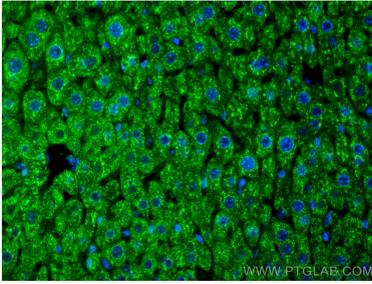
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free  
in USA), or 1(312) 455-8498 (outside USA)

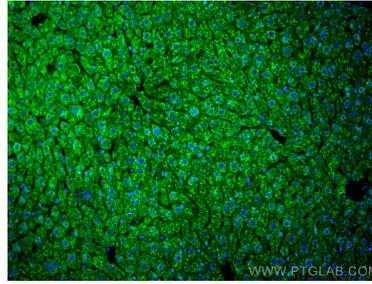
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

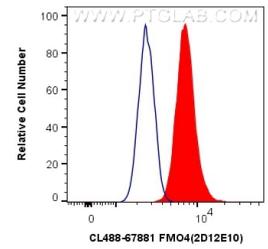
## Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed mouse liver tissue using CoraLite® Plus 488 FMO4 antibody (CL488-67881, Clone: 2D12E10) at dilution of 1:200.



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$1 \times 10^6$  HuH-7 cells were intracellularly stained with 0.8  $\mu$ g CoraLite® Plus 488 Anti-Human FMO4 (CL488-67881, Clone:2D12E10) (red), or 0.8  $\mu$ g CoraLite® Plus 488 Mouse IgG1 Isotype Control (MOPC-21) (CL488-65124, Clone: MOPC-21) (blue). Cells were fixed with 4% PFA and permeabilized with Flow Cytometry Perm Buffer (PF00011-C).