

For Research Use Only

FMO4 Monoclonal antibody

Catalog Number: 67881-1-Ig



Basic Information

Catalog Number:

67881-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG7935

GenBank Accession Number:

BC002780

GeneID (NCBI):

2329

UNIPROT ID:

P31512

Full Name:

flavin containing monooxygenase 4

Calculated MW:

63 kDa

Observed MW:

63 kDa

Purification Method:

Protein G purification

CloneNo.:

2D12E10

Recommended Dilutions:

WB 1:5000-1:50000

IF-P 1:200-1:800

Applications

Tested Applications:

WB, IF-P, ELISA, FC (Intra)

Species Specificity:

Human, mouse, rat, rabbit, pig

Positive Controls:

WB : rabbit liver tissue, HuH-7 cells, pig liver tissue, rat liver tissue, mouse liver tissue

IF-P : 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

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

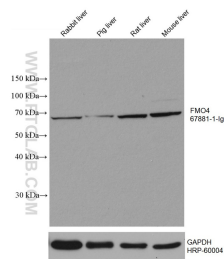
T: 4006900926

E: Proteintech-CN@ptglab.com

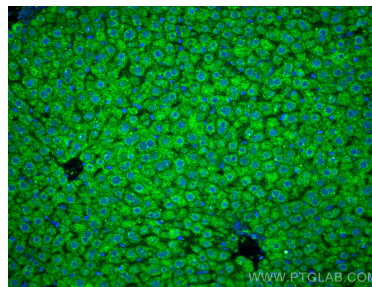
W: ptgcn.com

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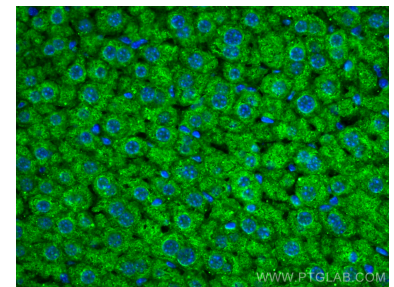
Selected Validation Data



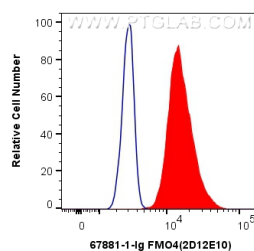
Various lysates were subjected to SDS PAGE followed by western blot with 67881-1-Ig (FMO4 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.



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).



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1X10⁶ 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).