

For Research Use Only

# ATP5L Monoclonal antibody

Catalog Number: 60434-1-Ig



## Basic Information

Catalog Number:

60434-1-Ig

Size:

1000 µg/ml

Source:

Mouse

Isotype:

IgG1

Immunogen Catalog Number:

AG9287

GenBank Accession Number:

BC015128

GeneID (NCBI):

10632

UNIPROT ID:

O75964

Full Name:

ATP synthase, H<sup>+</sup> transporting,  
mitochondrial F<sub>0</sub> complex, subunit G

Calculated MW:

11 kDa

Purification Method:

Protein G Magarose purification

CloneNo.:

2D10F9

Recommended Dilutions:

IF/ICC 1:500-1:2000

## Applications

Tested Applications:

IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

IF/ICC : HepG2 cells,

## Background Information

Mitochondrial membrane ATP synthase (F<sub>1</sub>-F<sub>0</sub> ATP synthase or Complex V) produces ATP from ADP in the presence of a proton gradient across the membrane which is generated by electron transport complexes of the respiratory chain. It is composed of the soluble catalytic core, F<sub>1</sub>, and the membrane-spanning component and F<sub>0</sub>, which comprises the proton channel. The F<sub>0</sub> seems to have nine subunits (a, b, c, d, e, f, g, F<sub>6</sub> and 8). ATP5L gene encodes ATP synthase subunit g of the F<sub>0</sub> complex.

## 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:

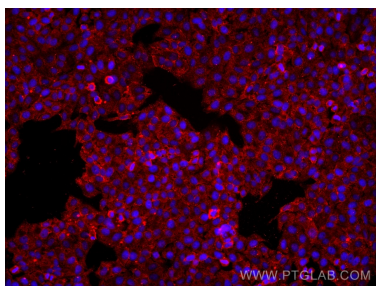
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://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 HepG2 cells using ATP5L antibody (60434-1-Ig, Clone: 2D10F9) at dilution of 1:1000 and Multi-rAb CoraLite® Plus 594-Goat Anti-Mouse Recombinant Secondary Antibody (H+L) (Cat.NO. RGAM004).