For Research Use Only

ATP5L Monoclonal antibody

Catalog Number:60434-1-Ig

proteintech®
Antibodies | ELISA kits | Proteins
www.ptglab.com

Basic Information

Catalog Number:
60434-1-Ig

Size:
150ul , Concentration: 1000 ug/ml by Nanodrop;

Source:
Mouse

Isotype:
IgG1

Immunogen Catalog Number:
AG9287

GenBank Accession Number:
BC015128

GeneID (NCBI):
10632

UNIPROT ID:
O75964

Full Name:
ATP synthase, H+ transporting, mitochondrial F0 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 (F1-Fo 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, F1, and the membrane-spanning component and Fo, which comprises the proton channel. The Fo seems to have nine subunits (a, b, c, d, e, f, g, F6 and 8). ATP5L gene encodes ATP synthase subunit g of the Fo complex.

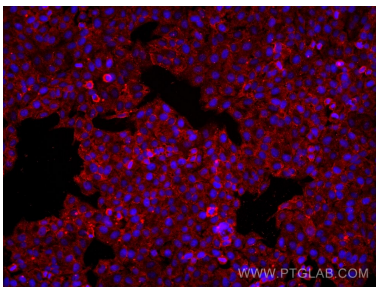
Storage

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

***** 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
W: ptglab.com

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).