

# CoraLite® Plus 488-conjugated ATP5C1 Monoclonal antibody

Catalog Number: **CL488-60284**

## Basic Information

**Catalog Number:**

CL488-60284

**Size:**

1000 µg/ml

**Source:**

Mouse

**Isotype:**

IgG2a

**Immunogen Catalog Number:**

AG1343

**GenBank Accession Number:**

BC000931

**GeneID (NCBI):**

509

**UNIPROT ID:**

P36542

**Full Name:**

ATP synthase, H<sup>+</sup> transporting,  
mitochondrial F1 complex, gamma  
polypeptide 1

**Calculated MW:**

33 kDa

**Observed MW:**

33 kDa

**Purification Method:**

Protein A purification

**CloneNo.:**

1B5A2

**Excitation/Emission maxima  
wavelengths:**

493 nm / 522 nm

## Applications

**Tested Applications:**

**Species Specificity:**

human

## Background Information

ATP5C1(ATP synthase subunit gamma, mitochondrial) is also named as ATP5C, ATP5CL1 and belongs to the ATPase gamma chain family. Some scientists reported the complete sequence of the gene for the human ATP synthase gamma subunit and described tissue-specific isoforms of the subunit generated by alternative splicing of exon 9. The liver (L) isoform differed from the heart (H) isoform by the addition of a single amino acid (asp273) at the C terminus. (PMID:8227057).

## 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

