

PPAR α Mouse mAb

Catalog No.: A22887 **1 Publications**

Basic Information

Observed MW

Refer to figures

Calculated MW

52kDa

Category

Primary antibody

Applications

IHC-P, IF/ICC, ELISA

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

AMC0571

Background

Peroxisome proliferators include hypolipidemic drugs, herbicides, leukotriene antagonists, and plasticizers; this term arises because they induce an increase in the size and number of peroxisomes. Peroxisomes are subcellular organelles found in plants and animals that contain enzymes for respiration and for cholesterol and lipid metabolism. The action of peroxisome proliferators is thought to be mediated via specific receptors, called PPARs, which belong to the steroid hormone receptor superfamily. PPARs affect the expression of target genes involved in cell proliferation, cell differentiation and in immune and inflammation responses. Three closely related subtypes (alpha, beta/delta, and gamma) have been identified. This gene encodes the subtype PPAR-alpha, which is a nuclear transcription factor. Multiple alternatively spliced transcript variants have been described for this gene, although the full-length nature of only two has been determined.

Recommended Dilutions

IHC-P 1:50 - 1:200

IF/ICC 1:50 - 1:200

ELISA Recommended starting concentration is 1 μ g/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

5465

Swiss Prot

Q07869

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

PPAR; NR1C1; hPPAR; PPARalpha; PPAR-alpha; PPAR α

Contact

 | 400-999-6126 | cn.market@abclonal.com.cn | www.abclonal.com.cn

Product Information

Source

Mouse

Isotype

IgG2a kappa

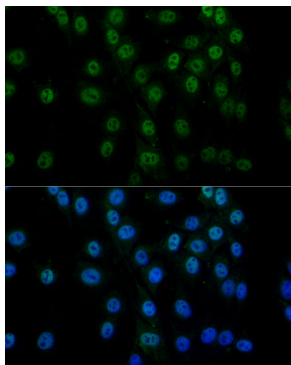
Purification

Affinity purification

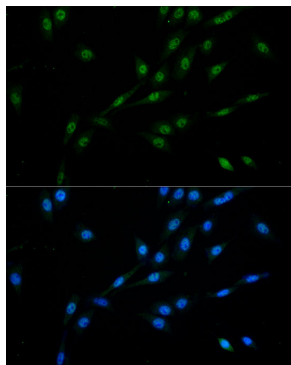
Storage

Store at 4°C. Avoid freeze / thaw cycles.

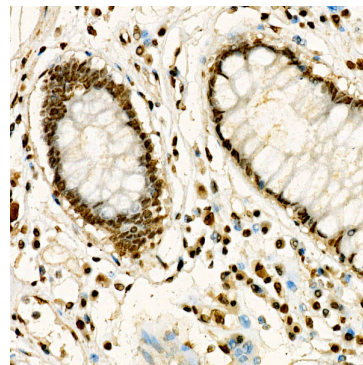
Buffer: PBS with 0.1% sodium azide and 0.1% gelatin.



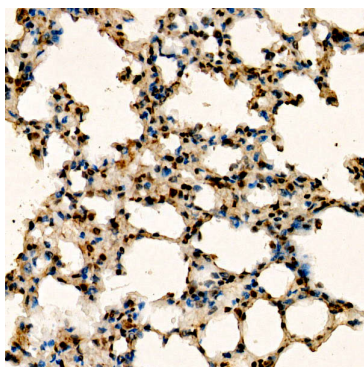
Immunofluorescence analysis of C2C12 cells using PPAR α Mouse mAb (A22887) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



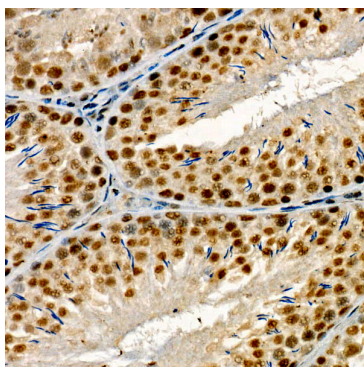
Immunofluorescence analysis of PC-12 cells using PPAR α Mouse mAb (A22887) at dilution of 1:100 (40x lens). Blue: DAPI for nuclear staining.



Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using PPAR α Mouse mAb (A22887) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse lung using PPAR α Mouse mAb (A22887) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Rat testis using PPAR α Mouse mAb (A22887) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.