

# PPAR $\alpha$ Mouse mAb

Catalog No.: A10183 **1 Publications**

## Basic Information

**Observed MW**

52kDa

**Calculated MW**

52kDa

**Category**

Primary antibody

**Applications**

ELISA, WB, IHC-P, IF/ICC, FC

**Cross-Reactivity**

Human, Mouse

## 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

<b>WB</b>	1:500 - 1:1000
<b>IHC-P</b>	1:10 - 1:25
<b>IF/ICC</b>	1:10 - 1:25
<b>FC</b>	1:10 - 1:25

## Immunogen Information

<b>Gene ID</b>	<b>Swiss Prot</b>
5465	Q07869

**Immunogen**Recombinant protein of human PPAR $\alpha$ **Synonyms**PPAR; NR1C1; hPPAR; PPARalpha; PPAR-alpha; PPAR $\alpha$ 

## Contact

 | [www.abclonal.com](http://www.abclonal.com)

## Product Information

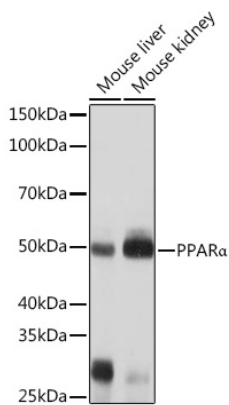
<b>Source</b>	<b>Isotype</b>	<b>Purification</b>
Mouse	IgG	Affinity purification

**Storage**

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

Buffer: PBS with 0.02% sodium azide, pH 7.3.

# Validation Data



Western blot analysis of various lysates using PPARα Mouse mAb (A10183) at 1:1000 dilution.  
Secondary antibody: HRP Goat Anti-Mouse IgG (H+L) (AS003) at 1:10000 dilution.  
Lysates/proteins: 25µg per lane.  
Blocking buffer: 3% nonfat dry milk in TBST.  
Detection: ECL Basic Kit (RM00020).  
Exposure time: 30s.