

# PPAR $\gamma$ Rabbit mAb

Catalog No.: A25298 **Recombinant**

## Basic Information

### Observed MW

Refer to figures

### Calculated MW

58kDa

### Category

Primary antibody

### Applications

IF/ICC,ELISA

### Cross-Reactivity

Human

### CloneNo number

ARC3232

## Background

This gene encodes a member of the peroxisome proliferator-activated receptor (PPAR) subfamily of nuclear receptors. PPARs form heterodimers with retinoid X receptors (RXRs) and these heterodimers regulate transcription of various genes. Three subtypes of PPARs are known: PPAR-alpha, PPAR-delta, and PPAR-gamma. The protein encoded by this gene is PPAR-gamma and is a regulator of adipocyte differentiation. Additionally, PPAR-gamma has been implicated in the pathology of numerous diseases including obesity, diabetes, atherosclerosis and cancer. Alternatively spliced transcript variants that encode different isoforms have been described.

## Recommended Dilutions

**IF/ICC** 1:50 - 1:200**ELISA** Recommended starting concentration is 1  $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements.

## Immunogen Information

### Gene ID

5468

### Swiss Prot

P37231

### Immunogen

Synthetic peptide. This information is considered to be commercially sensitive.

### Synonyms

GLM1; CIMT1; NR1C3; PPARG1; PPARG2; PPARG5; PPARGgamma; PPAR $\gamma$ 

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

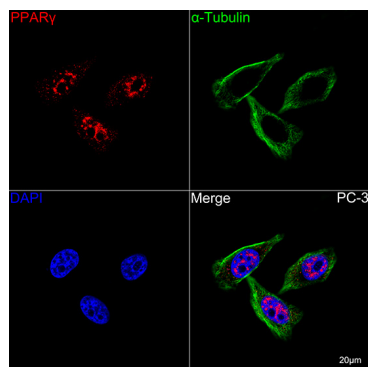
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

## Validation Data

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Confocal imaging of PC-3 cells using PPAR $\gamma$  Rabbit mAb (A25298, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). The cells were counterstained with  $\alpha$ -Tubulin Mouse mAb (AC012, dilution 1:400) followed by incubation with ABflo® 488-conjugated Goat Anti-Mouse IgG (H+L) Ab (AS076, dilution 1:500) (Green). DAPI was used for nuclear staining (Blue). Objective: 100x.